

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

# APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. Lease Designation and Serial No. State U-01194
b. Type of Well Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone <input type="checkbox"/>		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Coastal Oil & Gas Corporation		7. Unit Agreement Name Natural Buttes Unit
3. Address of Operator P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476		8. Farm or Lease Name NBU
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface 614' FNL & 1436' FEL (NW/NE) At proposed prod. zone Same as above.		9. Well No. 190
14. Distance in miles and direction from nearest town or post office* Approximately 17 miles southeast of Ouray, Utah.		10. Field and Pool, or Wildcat Natural Buttes 630
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drg. line, if any) 614'		11. 40, Sec., T., R., N., or S., and Survey or Area NW/NE Sec. 26, T9S-R21E
16. No. of acres in lease 1082.97		12. County or Parrish Uintah County
17. No. of acres assigned to this well 80		13. State Utah
18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft. 1250'		19. Proposed depth 6000' WSTC
20. Rotary or cable tools Rotary		21. Approx. date work will start* 4/1/92
21. Elevations (Show whether DF, RT, GR, etc.) 4917' Ungraded GR		

## PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12-1/4"	8-5/8"	24#	250'	180 sx circulated to surface
7-7/8"	5-1/2"	17#	6000'	1000 sx circulated to surface

PLEASE SEE THE ATTACHED DRILLING PROGNOSIS.

RECEIVED

MAR 09 1992

### TECHNICAL REVIEW

Engr. [Signature] 4/27/92  
Geol. [Signature] 3/17/92  
Surface [Signature] 3/17/92

DIVISION OF  
OIL GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. I hereby certify that this report is true and complete to the best of my knowledge.

Signed [Signature] Title Regulatory Analyst Date 3/4/92

(This space for Federal or State office use)

API NO. 43-047-30232

Approval Date

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS AND MINING

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title

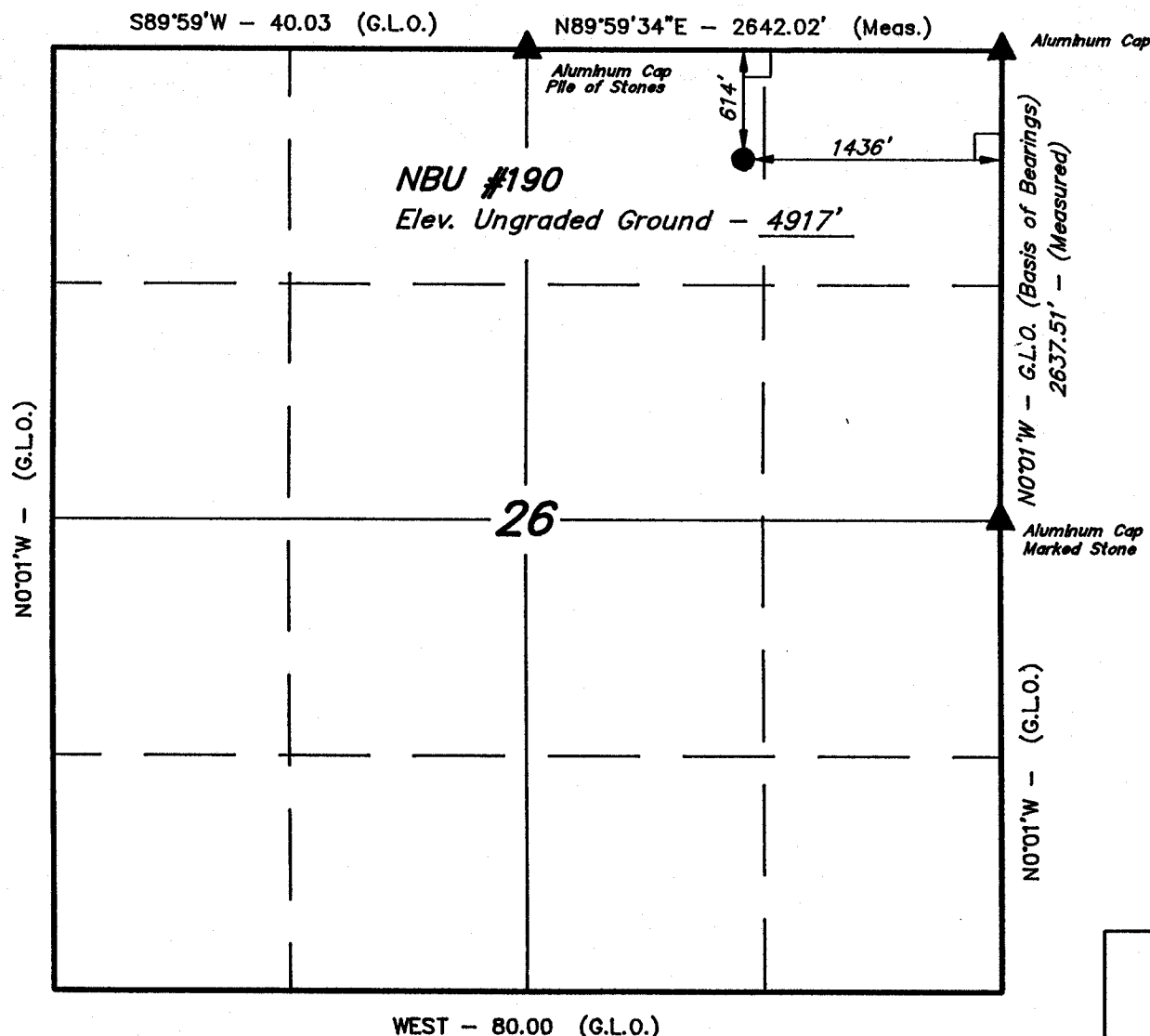
DATE: 4-27-92  
BY: [Signature]  
WELL SPACING: 649-2-3

\*See Instructions On Reverse Side

**T9S, R21E, S.L.B.&M.**

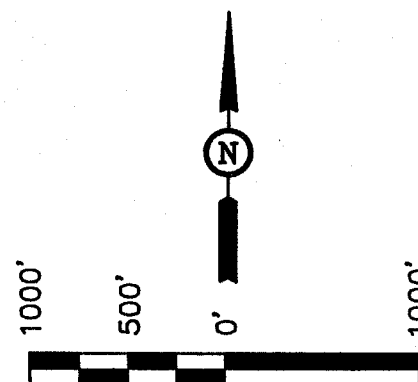
**COASTAL OIL & GAS CORP.**

Well location, NBU #190, located as shown in the NW 1/4 NE 1/4 of Section 26, T9S, R21E, S.L.B.&M. Uintah County, Utah.



**BASIS OF ELEVATION**

TWO WATER TRIANGULATION STATION IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NE QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.



**SCALE**

**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

No. 5709  
**ROBERT L. KAY**  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 5709  
 STATE OF UTAH

**UINTAH ENGINEERING & SURVEYING**

85 SOUTH - 200 EAST VERNAL, UTAH - 84078  
 (801) 789-1017

SCALE 1" = 1000'	DATE 1-29-92
PARTY D.A. R.A. R.E.H.	REFERENCES G.L.O. PLAT
WEATHER COLD	FILE COASTAL OIL & GAS CORP.

▲ = SECTION CORNERS LOCATED.

Coastal Oil & Gas Corporation

NBU #190  
NW/NE, Section 26, T9S-R21E  
Uintah County, Utah

Drilling Prognosis

1. Estimated Tops of Important Geologic Markers:

Uintah	Surface
Wasatch	4790'
Total Depth	6000'

2. Estimated Depths of Anticipated Water, Oil, Gas or Mineral Formations:

Wasatch	4790-6000'	Gas (Primary Objective)
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All freshwater and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

3. Pressure Control Equipment: (Schematic Attached)

Type : One 10" x 3000 psi annular preventer.  
One 10" x 3000 psi double ram preventer (blind ram above, pipe ram below).  
One wing with two manual valves and one choke.  
One positive choke and one adjustable.

Testing Procedure : The BOP and choke manifold will be pressure tested to the rated working pressure of 70% of the internal yield strength of the surface casing, whichever is less, for a period of 15 minutes upon installation; once every thirty days and/or when flange seals are broken if a "nipple-up" or "nipple-down" takes place.

4. Drilling Fluids Program:

<u>Interval</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>
0-1500'	Aerated/Mist	-----	-----	-----
1500-6000'	Aerated Water	-----	-----	-----

Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control during the course of drilling operations. The surface hole will be drilled with an air mist system injecting water at the rate of 15-20 gallons/minute, until the lost circulation zone is reached at  $\pm 1500'$ . At that point, Coastal Oil & Gas Corporation will switch to an aerated water system, utilizing the rig pumps to inject water at a rate of 190 gallons/minute to total depth.

Coastal Oil & Gas Corporation  
NBU #190  
Drilling Prognosis  
Page 2

5. Evaluation Program:

Logs : Dual Laterlog & Caliper : TD - Surface  
FDC-CNL : TD - 2300'

DST's : None Anticipated.

Cores : None Anticipated.

Evaluation Program may change at the discretion of the wellsite geologist.

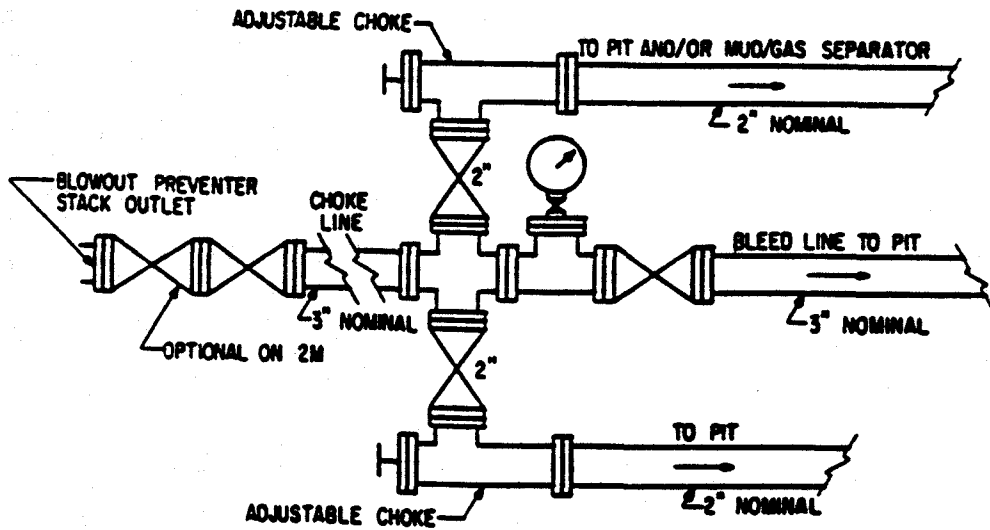
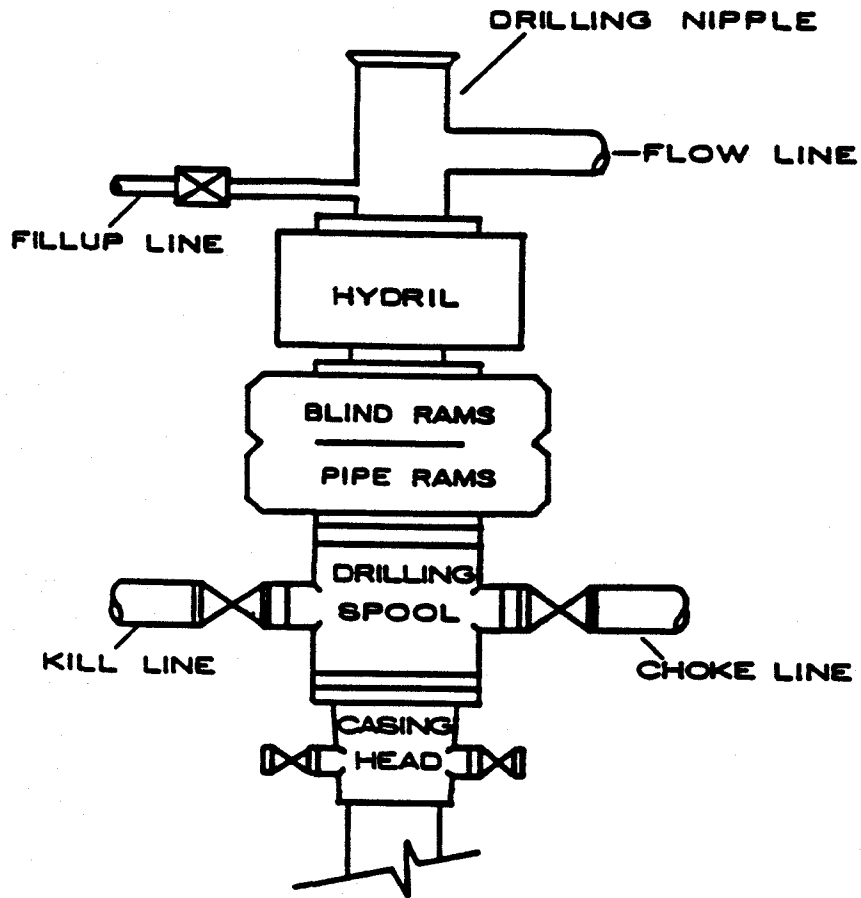
6. Abnormal Conditions:

No abnormal temperatures or pressures are anticipated. No H<sub>2</sub>S gas has been reported or known to exist from previous drilling in the area at this depth. Maximum anticipated bottom hole pressure equals 2790 psi.

7. Proposed Facilities:

If the well is productive, a 4" surface gas pipeline will be installed from the NBU #190 gas well and tie into the existing gas pipeline located in Section 26, T9S-R21E (see attached Topo Map "D"). The pipeline will be inside the Natural Buttes Unit boundary and within State Lease #U-01194. A 30' width easement of approximately 891' length is requested for this pipeline. There will be minimum surface disturbance as the pipeline will be laid on the surface.

# BOP STACK



Coastal Oil & Gas Corporation

NBU #190  
NW/NE Section 26, T9S-R21E  
Uintah County, Utah

Supplement to Application for Permit to Drill

1. Location and Type of Water Supply:

- A. Freshwater for drilling will be obtained from the Indian water line in Ouray, Utah, located in the SE1/4 of Section 32, T8S-R20E, Uintah County, Utah.

2. Methods of Handling Water Disposal:

- A. Sewage - self-contained, chemical toilets will be provided for human waste disposal. Upon completion of operations, the holding tanks will be pumped and the contents disposed of in a municipal sewage treatment facility or other authorized disposal facility.
- B. Garbage and other waste materials - all trash will be contained in a portable trash cage. Upon completion of operations, all trash will be hauled to an approved sanitary landfill.
- C. Cuttings and drilling fluids - the cuttings will be deposited in the reserve pit. Drilling fluids will be contained in reserve pit and allowed to evaporate. The reserve pit will be designed to prevent the collection of surface runoff and will be constructed with a minimum of one-half (1/2) the total depth below the original ground surface on the lowest point within the pit. The reserve pit will not be lined unless fractured rock or extremely porous soil/rock formations are encountered.

3. Plans for Reclamation of the Surface:

- A. Backfilling, leveling and re-contouring are planned as soon as the reserve pit dries. Waste and spoil materials will be disposed of immediately upon completion of drilling and workover activities. If production is established, the unneeded areas of the location will be reclaimed as soon as the reserve pit dries.
- B. Upon completion of backfilling, leveling and re-contouring, the stock-piled topsoil will be evenly spread over the reclaimed area(s). All disturbed surfaces (including access road and well pad areas) will be reseeded using the seed mixture recommended by the State of Utah. Seed will be drilled on the contour to an approximate depth of 1/2 inch.
- C. Three sides of the reserve pit will be fenced during drilling operations. Prior to rig release, the reserve pit will be fenced on the fourth side to prevent livestock and wildlife from becoming entrapped, and the fencing will be maintained until leveling and cleanup are accomplished.

3. Plans for Reclamation of the Surface: Continued

- D. If any oil is on the pits and is not immediately removed after operations cease, the pit containing the oil or other adverse substances will be flagged overhead or covered with wire mesh.
- E. The reclamation operations will begin after the drilling rig is removed. Removal of oil or other adverse substances will begin immediately or area will be flagged and fenced. Other cleanup will be done as needed. Rehabilitation operations should be completed by the Fall of 1992.

4. Other Information:

A cultural resource inventory of the proposed well site and access road will be performed as snow melt permits.

5. Surface Ownership:

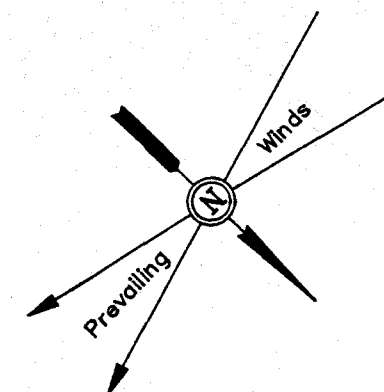
State of Utah  
Division of State Lands & Forestry  
Salt Lake City, Utah  
Telephone: (801) 538-5508

# COASTAL OIL & GAS CORP.

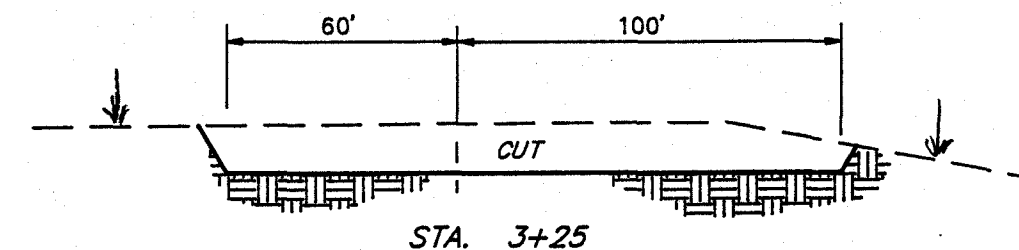
LOCATION LAYOUT FOR

NBU #190

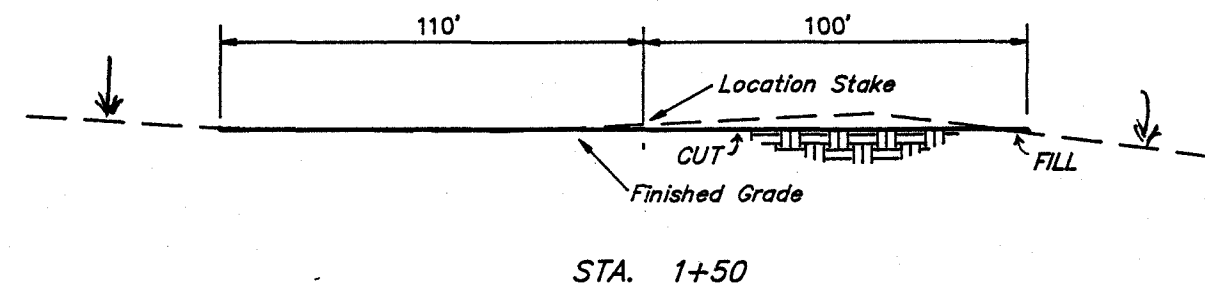
SECTION 26, T9S, R21E, S.L.B.&M.



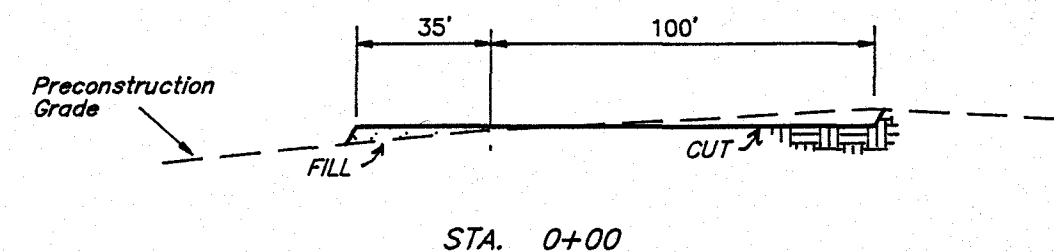
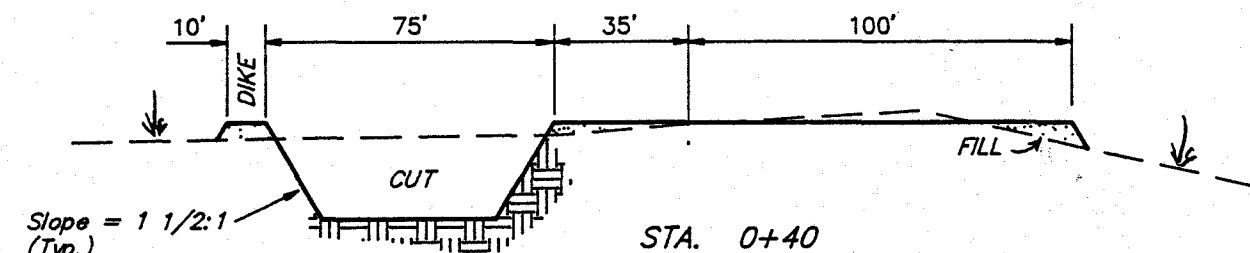
SCALE: 1" = 50'  
DATE: 1-29-92  
Drawn By: R.E.H.



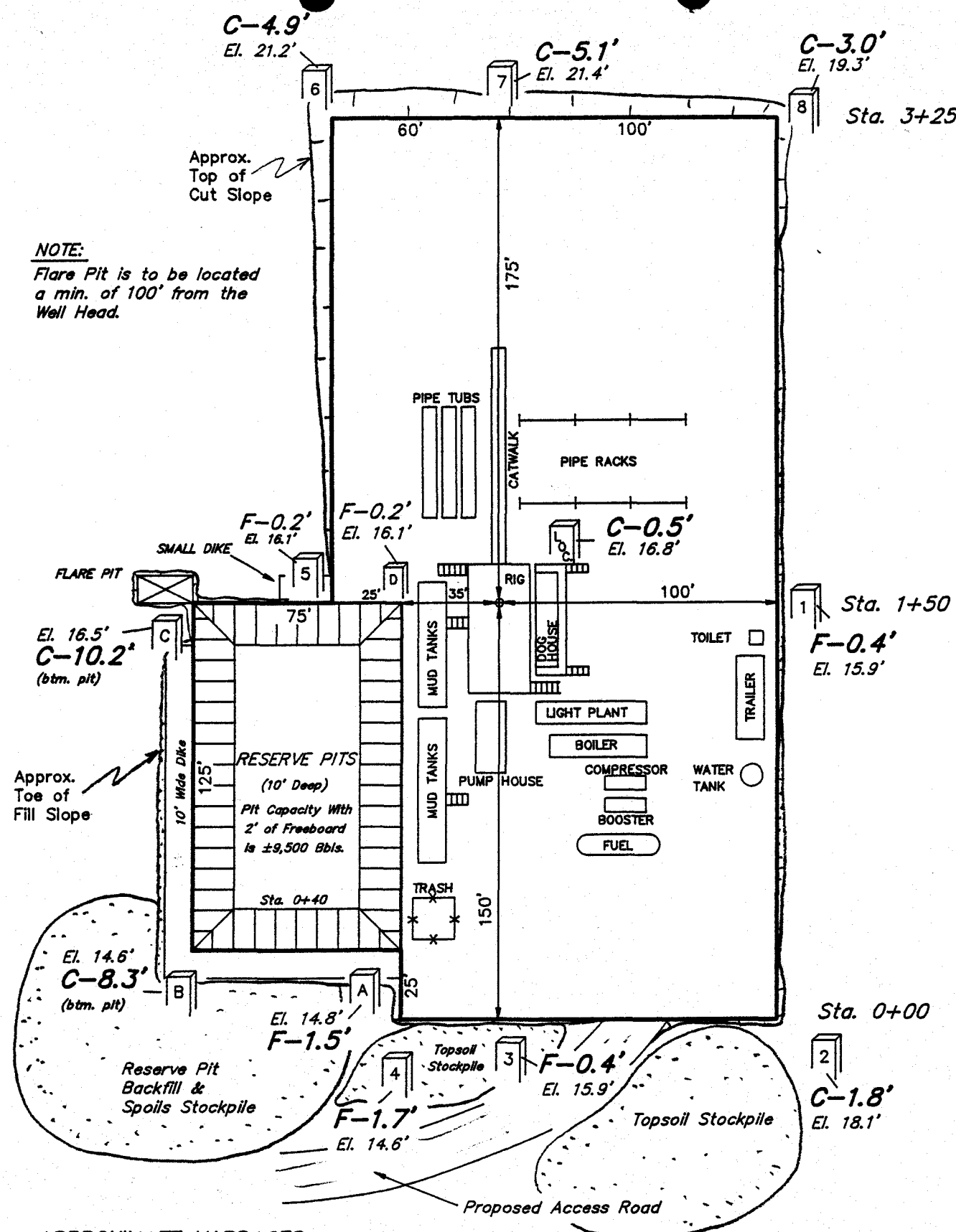
X-Section Scale  
1" = 20'  
1" = 50'



TYP. LOCATION LAYOUT  
TYP. CROSS SECTIONS



NOTE:  
Flare Pit is to be located  
a min. of 100' from the  
Well Head.



## APPROXIMATE YARDAGES

CUT		
(6") Topsoil Stripping	=	1,070 Cu. Yds.
Remaining Location	=	4,100 Cu. Yds.
<b>TOTAL CUT</b>	<b>=</b>	<b>5,170 CU.YDS.</b>
<b>FILL</b>	<b>=</b>	<b>840 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	=	4,290 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	2,290 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	2,000 Cu. Yds.

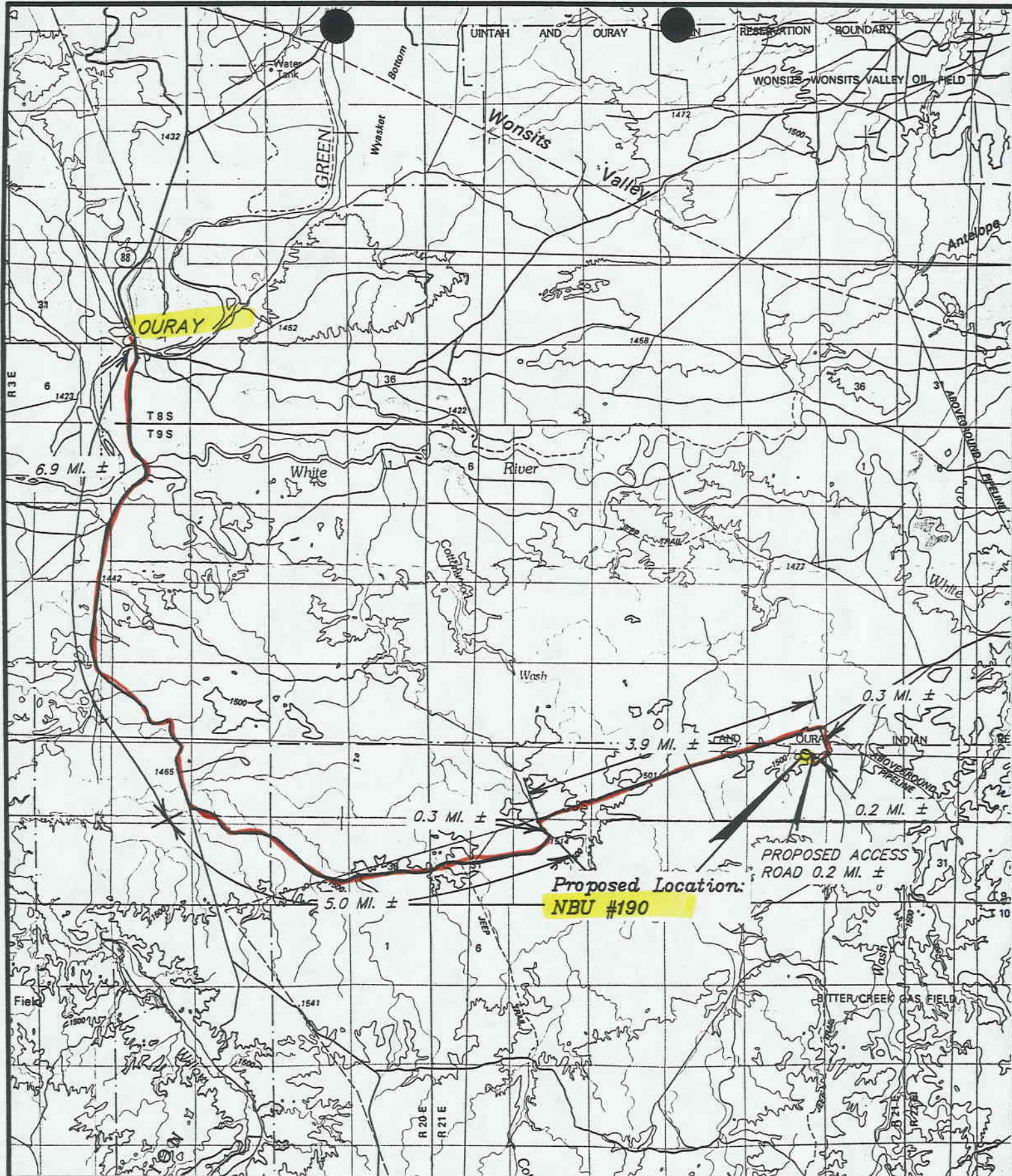
## NOTES:

Elev. Ungraded Ground At Loc. Stake = **4916.8'**  
FINISHED GRADE ELEV. AT LOC. STAKE = **4916.3'**

FIGURE #1

UINTAH ENGINEERING & LAND SURVEYING  
85 South 200 East Vernal, Utah





TOPOGRAPHIC  
MAP "A"

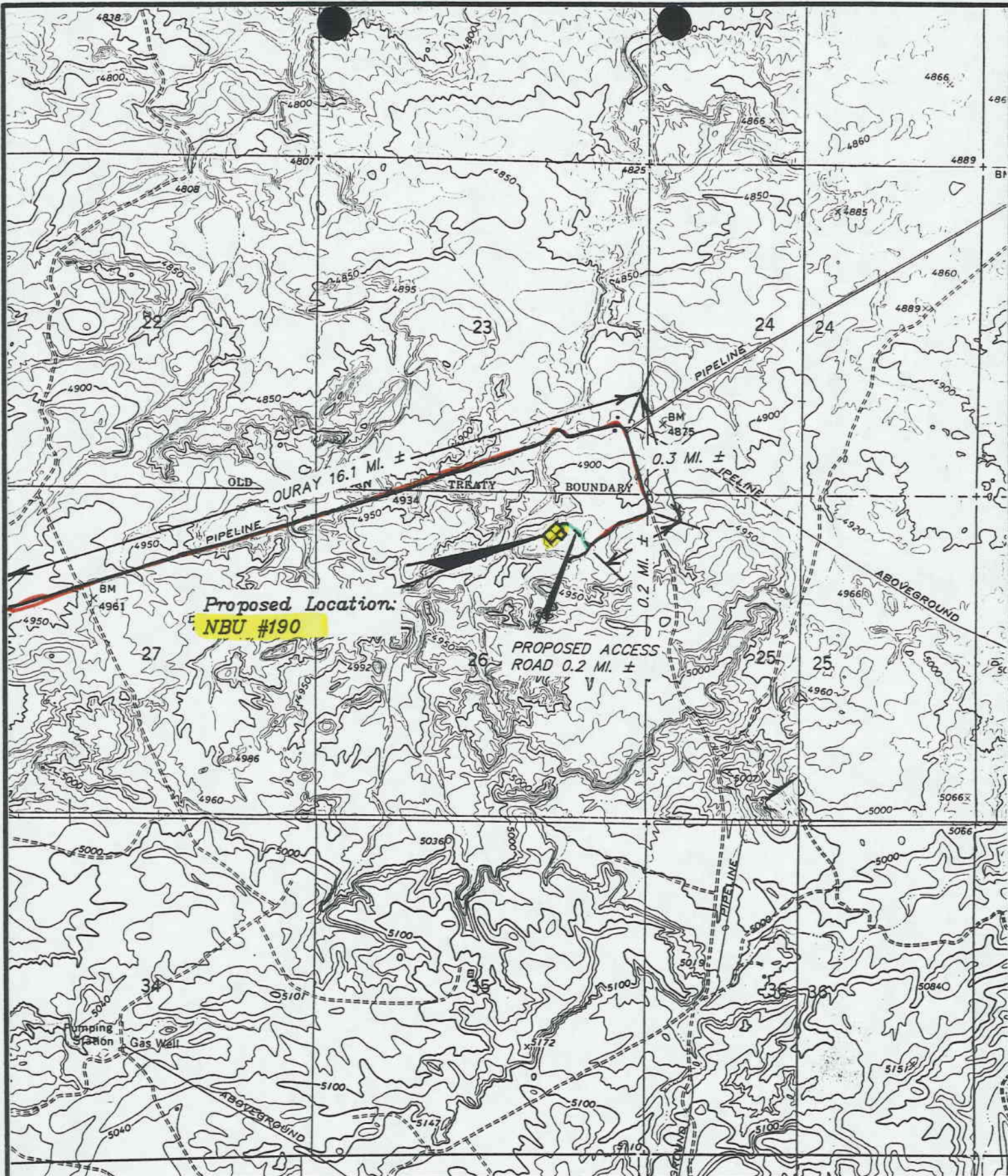
DATE 1-29-92 R.E.H.



**COASTAL OIL & GAS CORP.**

NBU #190  
SECTION 26, T9S, R21E, S.L.B.&M.





TOPOGRAPHIC  
MAP "B"  
SCALE: 1" = 2000'  
DATE 1-29-92 R.E.H.



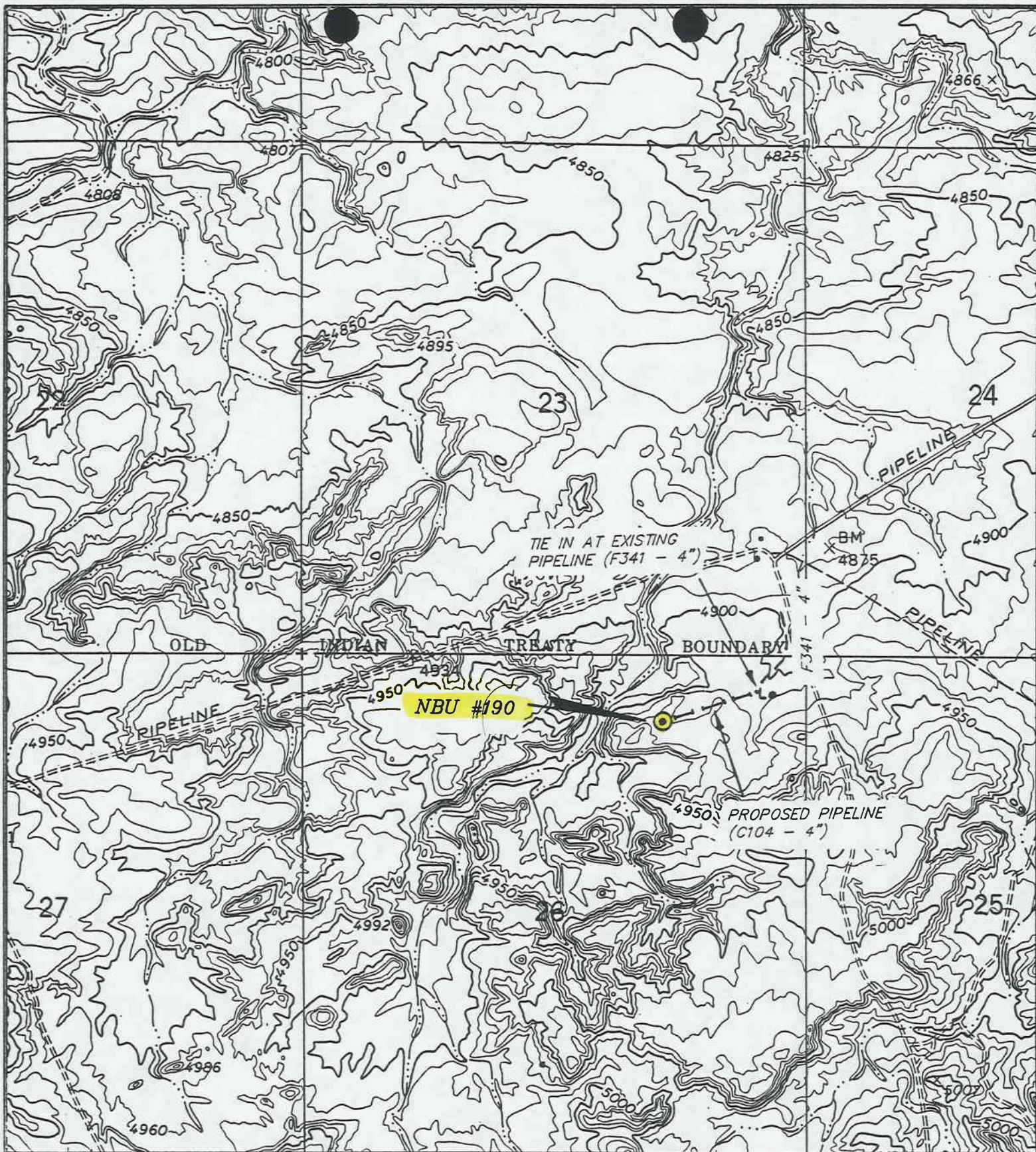
**COASTAL OIL & GAS CORP.**

NBU #190  
SECTION 26, T9S, R21E, S.L.B.&M.



DATE: 1-29-92 R.E.H.





TOTAL PIPELINE SLOPE DISTANCE = 891'

TOPOGRAPHIC  
MAP "D"

LEGEND

- EXISTING PIPELINE  
 ===== Proposed Pipeline



COASTAL OIL & GAS CORP.

PROPOSED PIPELINE RIGHT-OF-WAY FOR  
 NBU #190  
 SECTION 26, T9S, R21E, S.L.B.&M.

DATE: 2-13-92



OPERATOR Coastal Oil & Gas DATE 3-19-90

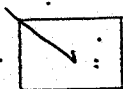
WELL NAME NB.U 190

SEC NW 1/4 T 9S R 01E COUNTY Wintah

43-047-30030  
API NUMBER

State (3)  
TYPE OF LEASE

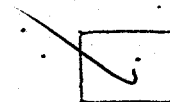
CHECK OFF:



PLAT.



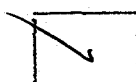
BOND



NEAREST  
WELL



LEASE



FIELD  
SLBM



POTASH OR  
OIL SHALE

PROCESSING COMMENTS:

Included in 90 POD applied 4-01-90  
Water Permit obtained from Indian Water line.  
Oil shale area

APPROVAL LETTER: R615-3-3

SPACING:

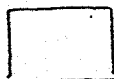


R615-2-3

Natural Buttes  
UNIT



R615-3-2



N/A  
CAUSE NO. & DATE



R615-3-3

STIPULATIONS:

cc: State Lands

Oil shale area 1. Berms should be constructed as necessary  
Pad is to be bermed to prevent runoff from location. 2. The  
reserve pit is to be evaluated for liner requirements  
prior to the introduction of fluids to the pit.

4304732232

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING  
CEMENTING OPERATIONS

COMPANY NAME: COASTAL OIL & GAS

WELL NAME: NBU 190

WELL SIGN: NO

QTR QTR: NWNE

SECTION: 26

TWP: 09 SOUTH RANGE: 21 EAST

CEMENTING COMPANY: HALLIBURTON SERVICES

INSPECTOR: CAROL KUBLY

DATE: 05.28.92

CEMENTING OPERATIONS:

SURFACE CASING: YES INTERMEDIATE: \_\_\_\_\_ PROD. CASING: \_\_\_\_\_

CASING INFORMATION:

SIZE: 8 5/8" GRADE: K-55 WEIGHT: 24 # LENGTH: 262.50 + SHOE

HOLE SIZE: 12 1/4" DEPTH: 263'

SLURRY INFORMATION

1. CLASS:

LEAD: PREMIUM PLUS AG INCLUDES 2% CACL & 1/4 PPS FLOCELE

2. SLURRY WEIGHT:

LEAD: 15.6 TAIL:

3. WATER (GAL / SX)

LEAD: 5.20 TAIL:

4. COMPRESSIVE STRENGTH

PSI AT 1600 HOURS: 24

PIPE CENTRALIZED: X3 + 1 STOP RING

CEMENTING STAGES: 1

LOST RETURNS: NO REGAIN RETURNS: NO

BARRELS LOST: 0

TOP OF CEMENT: SFC CEMENT TO SURFACE?: YES % EXCESS: 85 %

ADDITIONAL COMMENTS: PUMPED 20 BBL GEL WATER THEN 10 BBL FRESH WATER  
THEN PUMPED 150 SXs (31.5 BBL) CEMENT SLURRY.

DISPLACED WITH 14.75 BBL FRESH WATER.

LEFT 30 FEET OF CEMENT SLURRY IN PIPE. ABOUT 8 BBL CMT RETURNS

**DRILLING LOCATION ASSESSMENT**

**State of Utah  
Division of Oil, Gas and Mining**

OPERATOR: COASTAL OIL & GAS      WELL NAME: NBU 190  
SECTION: 26 TWP: 9S RNG: 21E LOC: 614 FNL 1436 FEL  
QTR/QTR NW/NE COUNTY: UINTAH      FIELD: NATURAL BUTTES  
SURFACE OWNER: STATE OF UTAH  
SPACING: NATURAL BUTTES UNIT  
GEOLOGIST: BRAD HILL      DATE AND TIME: 2/11/92 14:00

**PARTICIPANTS:** Chuck Siersma-CIGE, Eileen Dey-Coastal, Robert Kay-Uintah Engineering, Harley Jackson-Jackson Const.

**REGIONAL SETTING/TOPOGRAPHY:** The proposed location is in the southeastern Uinta Basin in a topographic area of low rolling hills. This location is on a fairly flat area with a drainage on the northwest side of the location.

**LAND USE:**

**CURRENT SURFACE USE:** Some grazing.

**PROPOSED SURFACE DISTURBANCE:** A roughly rectangular pad will be constructed with approximate dimensions of 325'X 160' with a 125'X 75' extension for the reserve pit. (see application) A .2 mile access road will be constructed.

**AFFECTED FLOODPLAINS AND/OR WETLANDS:** None

**FLORA/FAUNA:** Rabbitbrush, Curley grass, Shadscale, Russian Thistle, Greasewood/Horses, Deer, Antelope, Rabbits, Birds

**ENVIRONMENTAL PARAMETERS**

**SURFACE GEOLOGY**

**SOIL TYPE AND CHARACTERISTICS:** Silty-clay.

**SURFACE FORMATION & CHARACTERISTICS:** Uinta Formation consisting of interbedded sandstones and shales.

**EROSION/SEDIMENTATION/STABILITY:** No active erosion or sedimentation at present. Location should be stable.

**PALEONTOLOGICAL POTENTIAL:** None observed.

**SUBSURFACE GEOLOGY**

**OBJECTIVES/DEPTHS:** Wasatch-4790'

ABNORMAL PRESSURES-HIGH AND LOW: None anticipated

CULTURAL RESOURCES/ARCHAEOLOGY: To be done by Metcaff and Associates.

CONSTRUCTION MATERIALS: Onsite materials will be used for construction.

SITE RECLAMATION: The area will be recontoured and reseeded as per State Lands instructions.

RESERVE PIT

CHARACTERISTICS: The reserve pit will be rectangular with dimensions of 125'X 75'X 10'.

LINING: The reserve pit is to be evaluated after construction to determine if a liner is required.

MUD PROGRAM: The entire well will be drilled with aerated water.

DRILLING WATER SUPPLY: To be purchased from the Indian water line at Ouray.

STIPULATIONS FOR APD APPROVAL

The pad is to be bermed to prevent runoff from the location. The reserve pit is to be evaluated for liner requirements after construction and prior to the introduction of fluids.

ATTACHMENTS

Photographs will be placed on file.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

APR 17 1992

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS OIL GAS & MINING

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No

P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

See Attached List

5. Lease Designation and Serial No.

See Attached List

6. If Indian, Allottee or Tribe Name

See Attached List

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

See Attached List

9. API Well No.

See Attached List

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other NTL 2B; IV

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Coastal Oil & Gas Corporation hereby requests permission to dispose of produced water in unlined pits per NTL-2B, IV, for the subject wells.

- 1) These wells are completed in the Wasatch formation and produce less than 5 barrels of water per day on a monthly basis.
- 2) Two unlined pits per location will be used due to the size and layout of the locations: 40' x 40' x 8' and 6' x 6' x 6' deep with berms surrounding them. Each pit will be fenced and will have cement corner posts per BLM specifications. (See the attached typical facilities diagram.)
- 3) The average evaporation rate for the area compensated for annual rainfall is 70" per year.
- 4) The estimated percolation rate based on the soil characteristics under and adjacent to the pits is 2-6" per hour.
- 5) The depth of usable water aquifers in this area is approximately 1500'.

14. I hereby certify that the foregoing is true and correct

Signed

Title

Regulatory Analyst

4/14/92

(This space for Federal or State office use)

Approved by

Title

Conditions of approval, if any:

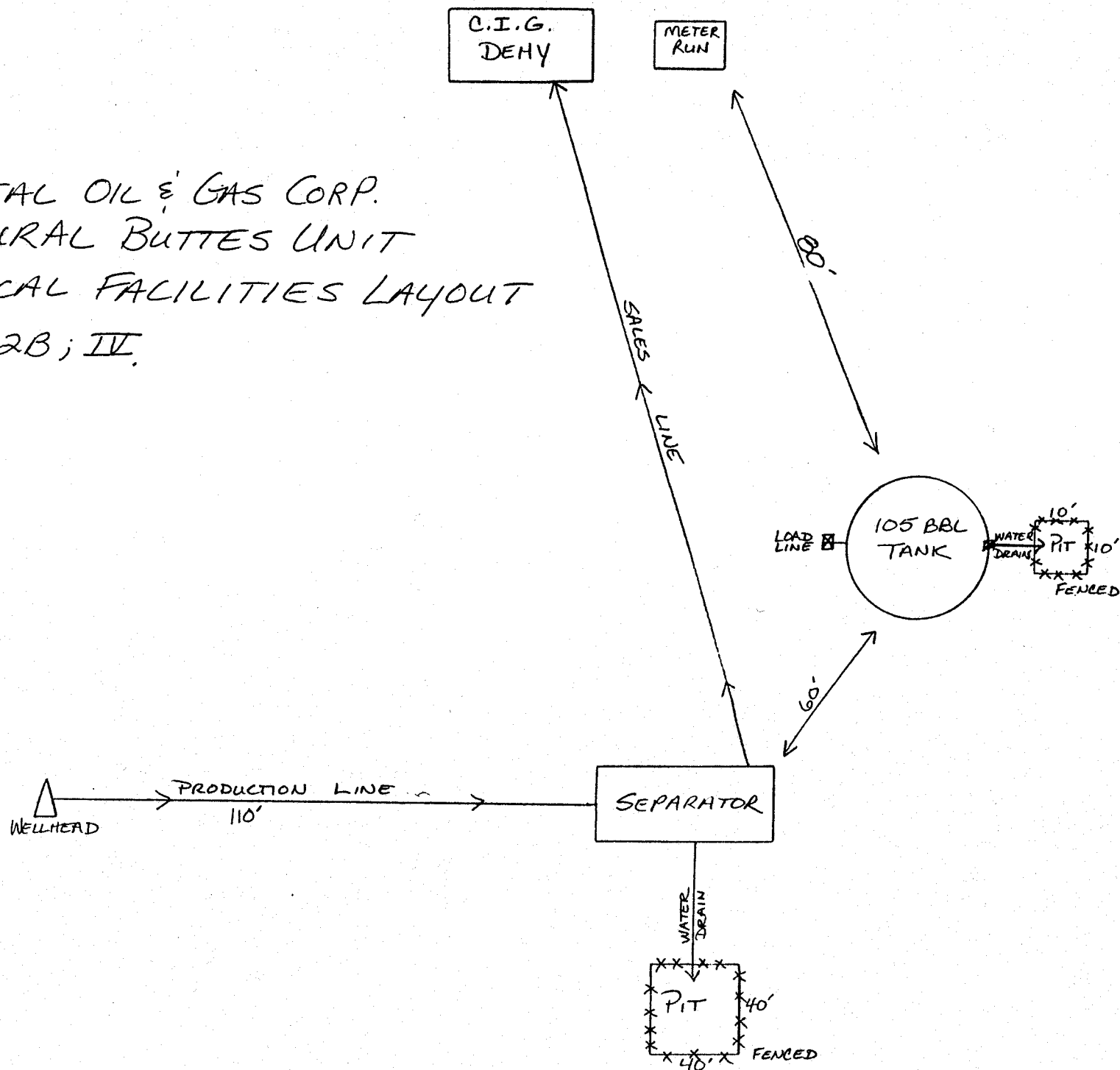
Accepted by the State  
of Utah Division of  
Oil, Gas and Mining

Date: 4-29-92

By: [Signature]

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

COASTAL OIL & GAS CORP.  
NATURAL BUTTES UNIT  
TYPICAL FACILITIES LAYOUT  
NTL-2B; IV.



13-Apr-92

NATURAL BUTTES

UINTAH COUNTY, UTAH

WELL #	LOCATION	QUAD	SEC	TWP	RGE	STATE OR BLM LEASE #	SURFACE	API NUMBER
NBU #103	SENW	10	9	21		U-0141315	UTE	43-047-31956
NBU #104	SENE	16	9	21		ST ML-3282	UTE	43-047-31957
NBU #105	SWSW	17	9	21		U-0575	UTE	43-047-31955
NBU #106	NESW	21	9	21		U-0576	UTE	43-047-31946
NBU #107	SENW	26	9	21		ST ML-01194	STATE	43-047-31916
NBU #108	SESE	19	9	22		U-0284	UTE	43-047-31958
NBU #109	SENE	27	9	21		ST U-01194-A	STATE	43-047-31917
NBU #110	NENE	28	9	21		U-0576	FED.	43-047-31924
NBU #111	SWNW	25	9	21		ST U-01194	STATE	43-047-31920
NBU #112	SESE	33	9	22		U-01191	FED.	43-047-31930
NBU #113	SESE	34	9	22		U-0149077	FED.	43-047-31931
NBU #114	SWSW	5	10	21		U-01393-D	FED.	43-047-31923
NBU #115	NENW	10	10	21		U-0149079	FED.	43-047-31929
NBU #116	NWNW	6	10	22		U-464	FED.	43-047-31925
NBU #117	NENE	10	10	22		ST UT-01197-A	STATE	43-047-31914
NBU #118	SENE	22	9	20		U-0577-B	UTE	43-047-31969
NBU #119	SENW	22	9	20		U-0577-B	UTE	43-047-31973
NBU #120	NWNW	10	9	21		U-0141315	UTE	43-047-31972
NBU #121	NWNE	13	9	21		U-01193	UTE	43-047-
NBU #122	SWSE	13	9	21		U-01193	UTE	43-047-32085
NBU #123	NWNW	15	9	21		U-01188	UTE	43-047-31974
NBU #124	NWNE	16	9	21		ST ML-3282	UTE	43-047-31971
NBU #125	NESE	17	9	21		U-0575	UTE	43-047-32090
NBU #126	NENW	21	9	21		U-0576	UTE	43-047-31962
NBU #127	SWNW	21	9	21		U-0576	UTE	43-047-31963
NBU #128	SWSW	21	9	21		U-0576	UTE	43-047-31964
NBU #129	SENE	22	9	21		U-010950-A	UTE	43-047-31965
NBU #130	SWNW	22	9	21		U-0147566	UTE	43-047-31967
NBU #131	NWSW	23	9	21		U-0149075	UTE	43-047-31966
NBU #132	NWNW	26	9	21		ST U-01194	STATE	43-047-31938
NBU #133	SWNE	28	9	21		U-0576	FED.	43-047-31950
NBU #134	SWSW	28	9	21		U-0576	FED.	43-047-32011
NBU #135	NESE	18	9	22		U-461	UTE	43-047-32089
NBU #136	SWSE	19	9	22		U-0284	UTE	43-047-31968
NBU #137	SESE	30	9	22		ST ML-22935	STATE	43-047-31939
NBU #138A	SENE	33	9	22		U-01191-A	FED.	43-047-32151
NBU #139	SWNE	14	10	21		U-465	FED.	43-047-31948
NBU #140	NWNE	5	10	22		U-01191A	FED.	43-047-31947
NBU #141	SENW	6	10	22		U-464	FED.	43-047-32017
NBU #142	NESE	10	10	22		U-025187	FED.	43-047-32013
NBU #143	NWNE	10	9	21		U-0141315	UTE	43-047-32088
NBU #144	NWNW	23	9	21		U-0149075	UTE	43-047-32044
NBU #145	NWNE	27	9	21		ST U-01194-A	STATE	43-047-31976
NBU #146	SWNW	14	10	21		U-465	FED.	43-047-31985
NBU #147	NWSW	4	10	22		U-01191	FED.	43-047-31984
NBU #148	SESW	4	10	22		U-01191	FED.	43-047-31983
NBU #149	NESE	5	10	22		U-01191	FED.	43-047-31982
NBU #150	SENW	9	10	22		U-01196-B	FED.	43-047-31992
NBU #151	NWNW	9	10	22		U-01196-B	FED.	43-047-31991
NBU #152	SESE	9	10	22		U-01196-D	FED.	43-047-31990
NBU #153	SWNW	11	10	22		ST U-01197-A	STATE	43-047-31975
NBU #154	NWSE	26	9	21		ST ML-22934	STATE	43-047-32003
NBU #155	SENW	31	9	22		ST ML-23607	STATE	43-047-32004
NBU #156	SWNW	35	9	21		ST U-01194	STATE	43-047-32005
NBU #157	SESW	32	9	22		ST ML-22649	STATE	43-047-32007
NBU #158	NWSE	27	9	21		ST U-01194-A	STATE	43-047-31997
NBU #159	NESW	35	9	21		ST U-01194	STATE	43-047-31996
NBU #160	SESW	31	9	22		ST ML-22935-A	STATE	43-047-32006
NBU #161	SESE	32	9	22		ST ML-22649	STATE	43-047-32023
NBU #162	SENW	12	10	20		U-4478	FED.	43-047-32066
NBU #163	NENW	14	10	21		U-465	FED.	43-047-32069
NBU #164	NWSE	3	10	22		U-01191-A	FED.	43-047-32055
NBU #165	NENW	3	10	22		U-01191	FED.	43-047-32057
NBU #166	SWSE	28	9	21		U-0576	FED.	43-047-32065
NBU #167	SESW	25	9	21		ST U-01194	STATE	43-047-32054
NBU #168	NWSW	12	10	20		U-4478	FED.	43-047-32117
NBU #169	SESW	12	10	20		U-4478	FED.	43-047-32118

13-Apr-92

NATURAL BUTTES

UINTAH COUNTY, UTAH

WELL #	LOCATION	QUAD	SEC	TWP	RGE	STATE OR BLM LEASE #	SURFACE	API NUMBER
NBU #170	NWNW	4	10	22		U-01191-A	FED.	43-047-32169
NBU #171	SENE	5	10	22		U-01191-A	FED.	43-047-32115
NBU #172	NENE	19	9	22		U-0284	UTE	43-047-32194
NBU #173	NWNE	33	9	22		U-01191-A	FED.	43-047-32116
NBU #174	NWNW	11	9	21		U-0141315	UTE	43-047-32193
NBU #175	NENW	28	9	21		U-0576	FED.	43-047-32143
NBU #176	SWNW	28	9	21		U-0576	FED.	43-047-32144
NBU #177	NESE	29	9	21		U-0581	FED.	43-047-32112
NBU #178	NWNE	30	9	21		U-0581	FED.	43-047-32121
NBU #179	SWSW	10	10	21		U-01416-A	FED.	43-047-32145
NBU #180	SWSE	10	10	22		U-025187	FED.	43-047-32113
NBU #181	SESW	9	9	21		U-0576	UTE	43-047-32161
NBU #182	SENW	11	9	21		U-0141315	UTE	43-047-32162
NBU #183 ✓	SWNW	27	9	21	ST	U-01194-A	STATE	43-047-32122
NBU #184	SESW	30	9	22		U-463	FED.	43-047-32170
NBU #185	SWNE	3	10	22		U-01191-A	FED.	43-047-32171
NBU #186	SENE	30	9	22		U-463	FED.	43-047-
NBU #187	SESW	34	9	22		U-0149077	FED.	43-047-
NBU #188	SWSW	10	10	22		U-01196-C	FED.	43-047-
NBU #189	SESW	23	9	21		U-0149075	UTE	43-047-
NBU #190 ✓	NWNE	26	9	21	ST	U-01194	STATE	43-047-
CIGE 110-7-9-21	SWSE	7	9	21		U-0575-B	UTE	43-047-31959
CIGE 111-13-9-21	SESW	13	9	21		U-01193	UTE	43-047-31954
CIGE 112-19-9-21	SESE	19	9	21		U-0581	UTE	43-047-31945
CIGE 113-21-9-21	SWNE	21	9	21		U-0576	UTE	43-047-31944
CIGE 114-34-9-21	NESE	34	9	21	ST	U-01194-A	STATE	43-047-31915
CIGE 115-35-9-21 ✓	NWNE	35	9	21	ST	ML-22582	STATE	43-047-31918
CIGE 116-29-9-22 ✓	NWSW	29	9	22	ST	ML-22935	STATE	43-047-31919
CIGE 117-34-9-22	SWNW	34	9	22		U-0149077	FED.	43-047-31928
CIGE 118-35-9-22	NESE	35	9	22		U-010954A	FED.	43-047-32025
CIGE 119-15-10-21	NENE	15	10	21		U-01416-A	FED.	43-047-31927
CIGE 120-15-9-20	SENE	15	9	20		U-0144868	UTE	43-047-32032
CIGE 121-15-9-20	NWNE	15	9	20		U-0144868	UTE	43-047-32031
CIGE 122-7-9-21	NENE	7	9	21		U-0149767	UTE	43-047-32098
CIGE 123-7-9-21	SWNE	7	9	21		U-0575-B	UTE	43-047-32047
CIGE 124-9-9-21	NWSE	9	9	21		U-01188	UTE	43-047-32045
CIGE 125-13-9-21	NWNW	13	9	21		U-01193	UTE	43-047-32084
CIGE 126-13-9-21	NWSW	13	9	21		U-01193	UTE	43-047-32087
CIGE 127-16-9-21	NESW	16	9	21	ST	ML-3141	UTE	43-047-32036
CIGE 128-18-9-21	NENE	18	9	21		U-0575	UTE	43-047-32046
CIGE 129-18-9-21	NENW	18	9	21		U-0581	UTE	43-047-32043
CIGE 130-19-9-21	NENE	19	9	21		U-0581	UTE	43-047-32030
CIGE 131-19-9-21	SWNE	19	9	21		U-0581	UTE	43-047-32029
CIGE 132-20-9-21	NWSW	20	9	21		U-0575	UTE	43-047-32028
CIGE 133-35-9-21 ✓	SWSE	35	9	21	ST	ML-22582	STATE	43-047-31978
CIGE 134-1-10-20	SWSW	1	10	20		U-02270-A	FED.	43-047-31989
CIGE 135-3-10-21	SWSW	3	10	21		U-0149078	FED.	43-047-32001
CIGE 136-4-10-21 ✓	SWNE	4	10	21	ST	ML-22940	STATE	43-047-31979
CIGE 137-6-10-21	SENE	6	10	21		U-01791	FED.	43-047-31988
CIGE 138A-6-10-21	SENW	6	10	21		U-01791	FED.	43-047-31987
CIGE 139-10-10-21	SWNE	10	10	21		U-0149079	FED.	43-047-31986
CIGE 140-16-10-21 ✓	NENE	16	10	21	ST	ML-10755	STATE	43-047-31977
CIGE 141-7-10-22 ✓	NWNE	7	10	22	ST	ML-23609	STATE	43-047-31970
CIGE 142-25-9-21 ✓	SENE	25	9	21	ST	U-01189	STATE	43-047-31994
CIGE 143-34-9-21 ✓	SWNE	34	9	21	ST	U-01194-A	STATE	43-047-31995
CIGE 144-2-10-22 ✓	SWNE	2	10	22	ST	ML-22651	STATE	43-047-32022
CIGE 145-29-9-22 ✓	SENW	29	9	22	ST	ML-22935	STATE	43-047-31993
CIGE 146-16-10-21 ✓	NWNE	16	10	21	ST	ML-10755	STATE	43-047-32021
CIGE 147-36-9-22 ✓	SESW	36	9	22	ST	ML-22650	STATE	43-047-32020
CIGE 148-31-9-22 ✓	NWNE	31	9	22	ST	ML-22935-A	STATE	43-047-32024
CIGE 149-8-10-21	NWNE	8	10	21		U-01791	FED.	43-047-32056
CIGE 150-9-10-21	SWNE	9	10	21		U-01416	FED.	43-047-32058
CIGE 151-10-10-21	SWSE	10	10	21		U-0149079	FED.	43-047-32059
CIGE 152-33-9-22	SESW	33	9	22		U-01191-A	FED.	43-047-32068
CIGE 153-35-9-22	SESW	35	9	22		U-010954-A	FED.	43-047-32067
CIGE 154-13-10-20	NWNW	13	10	20		U-4485	STATE	43-047-32119
CIGE 155-9-9-21	SENE	9	9	21		U-01188-B	UTE	43-047-32157

13-Apr-92

NATURAL BUTTES

UINTAH COUNTY, UTAH

WELL #	LOCATION			STATE OR BLM	LEASE #	SURFACE	API NUMBER
	QUAD	SEC	TWP	RGE			
CIGE 156-16-9-21	NESE	16	9	21	ST ML-3282	UTE	43-047-32195
CIGE 157-16-9-21	SWNW	16	9	21	U-38409	UTE	43-047-32160
CIGE 158-21-9-21	NESE	21	9	21	U-0576	UTE	43-047-32158
CIGE 159-6-10-21	NWNE	6	10	21	U-01791	FED.	43-047-32120
CIGE 160-14-10-21	SWSE	14	10	21	U-01393-C	FED.	43-047-32124
CIGE 161-2-10-22	SESE	2	10	22	ST ML-22651	STATE	43-047-32168
CIGE 162-36-9-22	SESE	36	9	22	ST ML-22650	STATE	43-047-32164
CIGE 163-15-9-21	SENE	15	9	21	U-01193	UTE	43-047-32192
CIGE 164-34-9-22	NWNE	34	9	22	U-0149077	FED.	43-047-32141
CIGE 165-1-10-20	SWNW	1	10	20	U-02270-A	FED.	43-047-32114
CIGE 166-3-10-21	NENW	3	10	21	U-0149078	FED.	43-047-32172
CIGE 167-7-10-21	NENE	7	10	21	U-01791	FED.	43-047-32142
CIGE 168-16-10-21	NWSE	16	10	21	ST ML-10755	STATE	43-047-32123
CIGE 169-2-10-21	SENW	2	10	21	ST ML-22652	STATE	43-047-



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

April 27, 1992

Coastal Oil and Gas Corporation  
P.O. Box 749  
Denver, Colorado 80201-0749

Gentlemen:

Re: NBU #190 Well, 614 feet from the north line, 1436 feet from the east line, NW 1/4 NE 1/4, Section 26, Township 9 South, Range 21 East, Uintah County, Utah

Pursuant to Utah Code Ann. § 40-6-18, (1953, as amended), Utah Admin. R. 649-2-3, and Utah R. 649-3-4, approval to drill the referenced well is hereby granted.

In addition, the following specific actions are necessary to fully comply with this approval:

1. Berms should be constructed as necessary to prevent runoff from location.
2. The reserve pit is to be evaluated for liner requirements prior to the introduction of fluids to the pit.
3. Compliance with the requirements of Utah Admin. R. 649-1 et seq., Oil and Gas Conservation General Rules.
4. Notification within 24 hours after drilling operations commence.
5. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
6. Submittal of the Report of Water Encountered During Drilling, Form 7.
7. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or R.J. Firth, Associate Director, (Home) (801)571-6068.

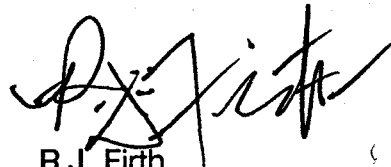
Page 2  
Coastal Oil and Gas Corporation  
NBU #190 Well  
April 27, 1992

8. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site should be submitted to the local health department. These drilling operations and any subsequent well operations should be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Department of Environmental Quality, Division of Drinking Water/Sanitation, telephone (801)538-6159.

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-047-32232.

Sincerely,



R.J. Firth  
Associate Director, Oil and Gas

Idc  
Enclosures  
cc: State Lands and Forestry  
Bureau of Land Management  
J.L. Thompson  
WO11

**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS AND MINING**

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells; deepen existing wells; or to reenter plugged and abandoned wells.  
 Use APPLICATION FOR PERMIT for such proposals.

6. Lease Designation and Serial Number

State U-01194

7. Indian Allottee or Tribe Name

N/A

8. Unit or Communitization Agreement

Natural Buttes Unit

9. Well Name and Number

NBU #190

10. API Well Number

43-047-22232

11. Field and Pool, or Wildcat

Natural Buttes

1. Type of Well

☐ Oil Well☒ Gas Well☐ Other (specify)

2. Name of Operator

Coastal Oil &amp; Gas Corporation

3. Address of Operator

P. O. Box 749

Denver, CO 80201-0749

4. Telephone Number

(303) 573-4476

5. Location of Well

Footage : 614' FNL &amp; 1436' FEL

QQ. Sec. T. R. M. : NW/NE Section 26, T9S-R21E

County : Uintah

State : UTAH

### 12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

#### NOTICE OF INTENT (Submit in Duplicate)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandonment                | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair              | <input type="checkbox"/> Pull or Alter Casing |
| <input checked="" type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection    | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat             | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion        | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other                      |   |

Approximate Date Work Will Start

#### SUBSEQUENT REPORT (Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other                   |   |

Date of Work Completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

### 13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Coastal Oil & Gas Corporation requests a variance to the existing rules and regulations requiring the blooie line to be not less than 100 feet from the borehole.

This well is being drilled with air mist injecting water at a rate of 15-20 gpm until they reach the lost circulation zone. Then the rig pumps are utilized using aerated water at the rate of 190 gpm to total depth.

ACCEPTED BY THE STATE  
 OF UTAH DIVISION OF  
 OIL, GAS, AND MINING

DATE: 5-6-92

BY: *[Signature]*

**RECEIVED**

MAY 06 1992

DIVISION OF  
 OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name &amp; Signature

(State Use Only)

Title Regulatory Analyst Date 5/5/92



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. Lease Designation and Serial No.

State U-01194

6. If Indian, Allottee or Tribe Name

N/A

7. Unit Agreement Name

Natural Buttes Unit

8. Farm or Lease Name

NBU

9. Well No.

190

10. Field and Pool, or Wildcat

Natural Buttes

11. 00, Sec., T., R., N., or Sth.  
and Survey or Area

NW/NE Sec. 26, T9S-R21E

12. County or Parrish

13. State

Uintah County Utah

1a. Type of Work

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. Type of Well

Oil Well ☐

Gas Well ☒

Other

Single Zone ☒

Multiple Zone ☐

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address of Operator

P. O. Box 749 Denver, CO 80201-0749 (303) 573-4476

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*

At surface 614' FNL & 1436' FEL (NW/NE)

At proposed prod. zone

Same as above.

43-047-32232

14. Distance in miles and direction from nearest town or post office\*

Approximately 17 miles southeast of Ouray, Utah.

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest driz. line, if any)

614'

16. No. of acres in lease

1082.97

17. No. of acres assigned to this well

80

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft.

1250'

19. Proposed depth

6000'

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

4917' Ungraded GR

22. Approx. date work will start\*

4/1/92

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole

Size of Casing

Weight per Foot

Setting Depth

Quantity of Cement

12-1/4"

8-5/8"

24#

250'

180 sx circulated to surface

7-7/8"

5-1/2"

17#

6000'

1000 sx circulated to surface

PLEASE SEE THE ATTACHED DRILLING PROGNOSIS.

RECEIVED

MAY 11 1992

DIVISION OF  
OIL GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. I hereby certify that this report is true and complete to the best of my knowledge.

Signed

Title Regulatory Analyst

Date 3/4/92

(This space for Federal or State office use)

API No.

Approval Date

Approved by

Title

Date

Conditions of approval, if any:

\*See Instructions On Reverse Side

ACCEPTED BY BLM FOR  
UNIT PURPOSES ONLY

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: COASTAL 43-047-32232

WELL NAME: NBU 190

Section 26 Township 9S Range 21E County UINTAH

Drilling Contractor COASTAL

Rig # 2

SPUDDED: Date 5-27-92

Time 11:00 AM

How DRY HOLE

Drilling will commence

Reported by DOUG W/LEON ROSS

Telephone # 1-722-4469

Date 5-27-92 SIGNED CAK

Form 9  
STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT for such proposals.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		6. Lease Designation and Serial Number State U-01194
2. Name of Operator Coastal Oil & Gas Corporation		7. Indian Allottee or Tribe Name N/A
3. Address of Operator P.O. Box 749, Denver, CO 80201-0749		8. Unit or Communization Agreement Natural Buttes Unit
4. Telephone Number (303) 573-4476		9. Well Name and Number NBU #190
5. Location of Well Footage 614' FNL and 1436' FEL QQ. Sec. T., R., M. NW/NE Sec. 26, T9S-R21E		10. API Well Number 43-047-32232
County : Uintah State : UTAH		11. Field and Pool, or Wildcat Natural Buttes

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT  
(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion     | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other                   |   |

Approximate Date Work Will Start

SUBSEQUENT REPORT  
(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other        | Report of Spud                                |

Date of Work Completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

• Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

MIRU Leon Ross Drlg. Spud surface hole @ 11:00 AM, 5/2/92. Drld 12-1/4" hole to 262' GL. Ran 6 jts 8-5/8" 24# K55 ST&C csg & set @ 272' KB. Cmt'd w/150 sx Class G + add cmt.

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JUN 11 1992

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Name & Signature  
(State Use Only)

Eileen Danni Day

Title Regulatory Analyst Date 6/8/92

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR Coastal Oil & Gas Corporation  
ADDRESS P.O. Box 749  
Denver, CO 80201-0749

OPERATOR ACCT. NO. N

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	2900		43-047-32232	NBU 190	NW NE	26	QS	21E	Uintah	5/2/92	5/2/92

WELL 1 COMMENTS:

WELL 2 COMMENTS:

WELL 3 COMMENTS:

WELL 4 COMMENTS:

WELL 5 COMMENTS:

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

**RECEIVED**

JUN 11 1992

**DIVISION OF  
OIL GAS & MINING**

*Eileen Danni Dey*  
Signature Eileen Danni Dey  
Regulatory Analyst

Title \_\_\_\_\_ Date \_\_\_\_\_

Phone No. (303) 573-4476

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells; deepen existing wells; or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT for such proposals.

6. Lease Designation and Serial Number  
State U-01194

7. Indian Allottee or Tribe Name

N/A

8. Unit or Communitization Agreement

Natural Buttes Unit

9. Well Name and Number

NBU #190

10. API Well Number

43-047-32232

11. Field and Pool, or Wildcat

Natural Buttes

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other (specify)

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address of Operator

P.O. Box 749 Denver, CO 80201-0749

4. Telephone Number

(303) 573-4476

5. Location of Well

Footage : 614' FNL and 1436' FEL  
QQ. Sec. T. R. M. : NW/NE Section 26, T9S, R21E

County : Uintah

State : UTAH

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## NOTICE OF INTENT (Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
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| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion     | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other                   |   |

Approximate Date Work Will Start

## SUBSEQUENT REPORT (Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other        | Report of Operations                          |

Date of Work Completion 6/22/92

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached chronological history for the drilling operations on the above-referenced well.

RECEIVED

JUL 02 1992

DIVISION OF  
OIL GAS & MINING

4. I hereby certify that the foregoing is true and correct

Name & Signature

Title Regulatory Analyst Date 6/30/92

State Use Only

Eileen Damm-Bey

COASTAL OIL & GAS CORPORATION  
CHRONOLOGICAL HISTORY

NBU #190  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
COASTALDRILL #2  
WI: 100% COGC AFE: 13622  
ATD: 6000' (WASATCH) SD: 6/14/92  
CSG: 8-5/8" @ 272'; 5-1/2" @ 6108'  
DHC(M\$): 177.2

6/1/92 272' KB WORT. Spudded well at 11:00 a.m. on 5/2/92. Drill 12-1/4" hole to 262' GL. Run 6 jts 8-5/8" 24# K-55 ST&C csg (tally 261.48'). Set at 272' KB. Cmt csg w/Halliburton by pumping 150 sx Class G cmt w/CaCl<sub>2</sub> and 1/4#/sx Flocele. Displace w/14.5 bbls wtr. Circ 8 bbl cmt to surf. CC: \$15,133.

6/15/92 800' Drlg 528'/8 hrs. Test BOP, rams, coke manifold and kelly to 2000 psi. Test hydril and csg to 1500#. PU IHA. Drill cmt 235'-272'. Drlg, svy: 1/2 deg @ 505'. Spudded well at 9:30 p.m., 6/14/92. Air 1400 CFM at 250 psi, 12-15 GPM, air mist. CC: \$49,845.

6/16/92 2150' Drlg 1350'/22 hrs. Drlg, svys: 1/2 deg @ 1110'; 1-1/4 deg @ 1519'; 1-1/2 deg @ 1993'. Chg rot hd rubber. Drlg, hit wtr at 1829'. Aerated wtr, air 400 CFM. CC: \$58,781.

6/17/92 3250' Drlg 1100'/23 hrs. Drlg, RS, chk BOP and svy: 1-3/4 deg @ 2498'; 2-1/2 deg @ 3034'. Drlg w/aerated wtr, air 400 CFM. CC: \$66,387.

6/18/92 3963' Circ, wash to btm. 713'/19.5 hrs. Drlg, svys: 2-3/4 deg @ 3507'; 2-3/4 deg @ 3950'. Drlg, drop Totco, TFNB. Wash to btm. Aerated wtr, 400 CFM. CC: \$78,660.

6/19/92 4925' Drlg 962'/23.5 hrs. Drlg, RS, chk BOPE. Drlg w/aerated DAP wtr, 6 PPB. Air 300 CFM. CC: \$85,799.

6/20/92 5535' Drlg 610'/23.5 hrs. Drlg, RS and svy: 2 deg @ 4991'. Drlg breaks from 5418-5440'. Aerated DAP wtr. 300 CFM air. CC: \$97,644.

6/21/92 6108' Circ and displ hole w/10# brine. Drlg, RS. Circ, wiper trip 20 stds. Circ and displ hole w/400 bbls 10# brine. Note: drld 100' additional due to drlg brk at 5992'. Drlg brks from 5521-5550', 5615-5640', 5766-5783', 5845-5873', 5992-6008'. 10# brine. CC: \$106,613.

6/22/92 6108' Rig released. SLMOOH for logs. No corr. RU HLS. Run Den-Neut, DLL, GR and Cal. RIH. RU LD mach and LD pipe. Ran 141 jts 5-1/2" J-55, LT&C, 17# csg (6117.16'). Set at 6108'. Circ and work 20' to btm. Cmt w/Howco. Lead 220 sx HyFill, 1# sk Capseal, .3% HR7. Tail w/370 sx 50-50 Poz, 2% gel, 10% salt BWOW, .6% Hal 24, .2% CFR-3, 1#/sx Capseal, 1/4#/sx Flocele. Displ w/140 BW. Bump w/2000 psi. No returns. Set slips with 90,000#, ND BOP. RR @ 6:00 a.m., 6/22/92. CC: \$179,996. FINAL DRILLING REPORT.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

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Use APPLICATION FOR PERMIT— for such proposals.

6. Lease Designation and Serial Number  
State U-01194

7. Indian Allottee or Tribe Name

N/A

8. Unit or Communitization Agreement

Natural Buttes Unit

9. Well Name and Number

NBU #190

10. API Well Number

43-047-32232

11. Field and Pool, or Wildcat

Natural Buttes

1. Type of Well

☐ Oil Well

☒ Gas Well

☐ Other (specify)

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address of Operator

P.O. Box 749 Denver, CO 80201-0749

4. Location of Well

Footage : 614' FNL and 1436' FEL  
QQ. Sec. T. R. M. : NW/NE Section 26, T9S, R21E

4. Telephone Number

(303) 573-4476

County : Uintah

State : UTAH

## CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

### NOTICE OF INTENT (Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion     | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other                   |   |

Approximate Date Work Will Start

### SUBSEQUENT REPORT (Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other        | Report of First Sales                         |

Date of Work Completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

• Must be accompanied by a cement verification report.

1. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The above-referenced well was connected to CIG's gas sales line and first sales occurred @ 12:15 PM, 7/29/92 with a rate of 768 MCFPD, 0 BOPD, 0 BWPD, FTP 1830, SICP 1067 and 7/64" choke.

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AUG 10 1992

DIV. OIL, GAS, MINING

I hereby certify that the foregoing is true and correct

Name & Signature

Date (Use Only)

Title

Regulatory Analyst

Date

8/5/92

RECEIVED

SEP 09 1992

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

DIVISION OF

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other \_\_\_\_\_

2. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other \_\_\_\_\_

3. NAME OF OPERATOR

Coastal Oil &amp; Gas Corporation

4. ADDRESS OF OPERATOR

P.O. Box 749 Denver, CO 80201-0749 (303) 573-4476

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 614' FNL &amp; 1436' FEL (NW/NE)

At top prod. interval reported below Same as above.

At total depth Same as above.

6. LEASE DESIGNATION AND SERIAL NO.

State U-01194

7. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

8. UNIT AGREEMENT NAME

Natural Buttes Unit

9. FARM OR LEASE NAME

NBU

10. WELL NO.

190

11. FIELD AND POOL, OR WILDCAT

Natural Buttes

12. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Section 26, T9S, R21E

13. API NO.

43-047-32232

DATE ISSUED

4/27/92

14. COUNTY

Uintah

15. STATE

Utah

16. DATE SPUNDED

5/2/92

17. DATE T.D. REACHED

6/20/92

18. DATE COMPL. (Ready to prod.)

7/21/92

(Plug &amp; Abd.)

19. ELEVATIONS (OF, BEH, AT, GR, ETC.)

4917' GR

20. ELEV. CASINGHEAD

21. TOTAL DEPTH, MD &amp; TVD

6108'

22. PLUG BACK T.D., MD &amp; TVD

6047'

23. IF MULTIPLE COMPL.

HOW MANY

24. INTERVALS

DEILLED BY

25. ROTARY TOOLS

SFC-TD

26. CABLE TOOLS

27. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)

5418-6054' Wasatch

28. WAS DIRECTIONAL

SURVEY MADE

No

29. TYPE ELECTRIC AND OTHER LOGS RUN

DNL-DLL-GR &amp; Cal, CBL

30. WAS WELL CORED YES ☐ NO ☒ (Submit analysis)31. DRILL STEM TEST YES ☐ NO ☒ (See reverse side)

32. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	272'	12-1/4"	150 sx C1 "G"	None
5-1/2"	17#	6108'	7-7/8"	590 sx HiFill & 50/50 Poz	None

33. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)	34. TUBING RECORD	SIZE	DEPTH SET (MD)	PACKER SET (MD)
						2-3/8"	5364'	N/A

35. PERFORATION RECORD (Interval, size and number)

Perforated w/ 4 csg gun at following depths:

5418'	5496'	5613'	5993'
5425'	5501'	5620'	6000'
5431'	5523'	5630'	6046'
5436'	5531'	5850'	6054'
5491'	5545'	5868'	

36. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5418-6054'	59 bbls 15% HCL + 43 B.S.'s
5418-6054'	175,500 gals gelled H <sub>2</sub> O w/443,000#
	20/40 mesh sand w/30% CO <sub>2</sub> .

37. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
7/2/92		Flowing					Producing	
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO	
7/21/92	24	18/64"	→	0	2800	0	N/A	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)		
1450	900	→	0	2800	0	N/A		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)								

38. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

39. TEST WITNESSED BY

P. Breshears

40. LIST OF ATTACHMENTS

Chronological History.

41. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Eileen Danni Doy

TITLE Regulatory Analyst

DATE 9/3/92

See Spaces for Additional Data on Reverse Side



## INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachments.

ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).

37. SUMMARY OF POROUS ZONES: Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.			38. GEOLOGIC MARKERS				
Formation	Top	Bottom	Description, contents, etc.	Name	Meas. Depth	Top	True Vert. Depth
				Wasatch	4799'	4799'	4799'

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

PAGE 3

NBU #190  
NW/NE SECTION 26, T9S-R21E  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
WI: 100% COGC      AFE: 13622

7/29/92      Report of 1st sales - on sales @ 12:15 p.m., 7/29/92. Flwd 768 MCFD,  
FTP 1830 psi, CP 1067 psi, 7/64" chk. Drop from report.

8/14/92      Producing. MIRU Western Company. Cmt 8-5/8" x 5-1/2" csg annulus  
w/20 bbl LCM pill, 55 sx Super "G" + 2% CaCl<sub>2</sub> + 3 pps Hi-Seal 3 + 1/4  
pps Cello Seal and 200 sx Super "G" + 3% CaCl<sub>2</sub>. Max pressure at end  
of job 50 psi. Vac 5 min later. Drop from report.  
DC: \$6,580      TC: \$379,946

THE COASTAL CORPORATION  
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

PAGE 2

NBU #190  
NW/NE SECTION 26, T9S-R21E  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
WI: 100% COGC AFE: 13622  
TD: 6108' (Wasatch) PBD: 6083'  
SD: 6/14/92  
CSG: 5 1/2" @ 6108'  
PERFS: 5418'-6054' (WASATCH)  
CWC(M\$): 376.2

6/23/92 WOCU. Drop from report until further activity.  
TC: \$179,996

6/30/92 POH w/tbg & mill. Cleaned & leveled location. Installed anchors & WH. MIRU Welltech rig #247. PU & RIH w/4-3/4" mill & 2-3/8" tbg. Tag PBD @ 6047'. RU power swivel. Drld cmt from 6047' to FC @ 6059', cmt to 6083'. Circ hole w/160 bbls 3% KCl wtr. Start POH w/tbg & mill. SDFN.  
DC: \$24,300 TC: \$204,296

7/1/92 Prep to acidize perfs. Finish POH w/tbg & mill. RU Cutters WLS, ran CBL-CCL-GR log from 6088' to 1600' w/1000 psi on csg. Good bond, TOC @ 1810'. PT csg to 5000 psi, OK. Perf 5418'-6054', 19 holes w/4" csg gun. RD WL. RIH w/tbg to 5400'. SDFN.  
DC: \$7,570 TC: \$211,866

7/2/92 Flow testing well. Finish RIH w/tbg to 6056'. RU Western Company. Spot 700 gals 15% HCl across perfs. PU tbg to 5364'. ND BOP, NU WH. Breakdown perfs w/1800 gals 15% HCl & 48 BS's. Breakdown @ 1300 psi. Treat @ 7.8 BPM @ 4400 psi. Balled off to 5000 psi. Surge off balls, finish flush. ISIP 1000 psi, 15 min 450 psi. RD Western. Flwd to pit 2 hrs, rec 75 BW. Well kicked off 1:30 p.m., FTP 275 psi, SICP 0 psi, 20/64" chk, 300 MCFPD, 10 BWPH. Tbg left in well - 170 jts, landed @ 5364' w/notched collar on btm, SN 1-jt above & 10' blast jt on top. TLTR 227 bbls.  
DC: \$21,890 TC: \$233,756

7/2/92 Flwg 500 MCFPD, 50 BWPD, FTP 250# on 20/64" chk.

7/3/92 SICP 500#. Flwg 500 MCFPD, 50 BWPD, FTP 250# on 20/64" chk. RDMO Welltech rig #247.  
DC: \$260 TC: \$234,016

7/15/92 Flow back after frac. SITP 1800#, SICP 1800#. RU Western Company & frac perfs 5418'-6054' (19 holes). First frac 1-6 ppg @ 30 BPM @ 2300 psi. Dropped 9 balls. Calculated 5 balls stuck. Second frac 1-3 ppg stage @ 30 BPM @ 2800 psi. 3 pumps & having trouble with sand master. Finish job @ 15-20 BPM @ 1500 psi. 4# stage short 12,000# sand. 6# stage short 26,000# sand. Pmpd 175,500 gals 10# CMHPG slurry w/443,000# 20/40 mesh sand using 30% CO<sub>2</sub> (348 tons). ISTP 1380#, 5 min 1350#, 10 min 1340#, 15 min 1340#. Open to pit @ 4:00 p.m. on 18/64" chk. SITP 1350#, SICP 1350#.  
DC: \$139,350 TC: \$373,366

7/16/92 Flwg 1.5 MCFPD CO<sub>2</sub>, FTP 1025 psi on 18/64" chk, 75 BWPD.

7/17/92 Flwg 2.5 MMCFD CO<sub>2</sub>, FTP 1500 psi, CP 1000 psi, 18/64" chk, 24 BWPD.

7/18/92 Flwg 2.5 MMCFD CO<sub>2</sub>, FTP 1500 psi, CP 950 psi, 18/64" chk, 12 BWPD.

7/19/92 Flwg 2.5 MMCFD CO<sub>2</sub>, FTP 1500 psi, CP 925 psi, 18/64" chk, 6 BWPD.

7/20/92 Flwg 2.5 MMCFD CO<sub>2</sub>, FTP 1450 psi, CP 900 psi, 18/64" chk, 5 BWPD.

7/21/92 Flwg 2.8 MMCF, FTP 1450 psi, CP 900 psi, 18/64" chk, 1/2 BOPD. Gas will burn. Shut well in @ 2:30 p.m., 7/20/92. Drop from report.

COASTAL OIL & GAS CORPORATION  
CHRONOLOGICAL HISTORY

NBU #190  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
COASTALDRIL #2  
WI: 100% COGC AFE: 13622  
ATD: 6000' (WASATCH) SD: 6/14/92  
CSG: 8-5/8" @ 272'; 5-1/2" @ 6108'  
DHC(M\$): 177.2

6/1/92 272' KB WORT. Spudded well at 11:00 a.m. on 5/2/92. Drill 12-1/4" hole to 262' GL. Run 6 jts 8-5/8" 24# K-55 ST&C csg (tally 261.48'). Set at 272' KB. Cmt csg w/Halliburton by pumping 150 sx Class G cmt w/CaCl<sub>2</sub> and 1/4#/sx Flocele. Displace w/14.5 bbls wtr. Circ 8 bbl cmt to surf. CC: \$15,133.

6/15/92 800' Drlg 528'/8 hrs. Test BOP, rams, coke manifold and kelly to 2000 psi. Test hydril and csg to 1500#. PU 1HA. Drill cmt 235'-272'. Drlg, svy: 1/2 deg @ 505'. Spudded well at 9:30 p.m., 6/14/92. Air 1400 CFM at 250 psi, 12-15 GPM, air mist. CC: \$49,845.

6/16/92 2150' Drlg 1350'/22 hrs. Drlg, svys: 1/2 deg @ 1110'; 1-1/4 deg @ 1519'; 1-1/2 deg @ 1993'. Chg rot hd rubber. Drlg, hit wtr at 1829'. Aerated wtr, air 400 CFM. CC: \$58,781.

6/17/92 3250' Drlg 1100'/23 hrs. Drlg, RS, chk BOP and svy: 1-3/4 deg @ 2498'; 2-1/2 deg @ 3034'. Drlg w/aerated wtr, air 400 CFM. CC: \$66,387.

6/18/92 3963' Circ, wash to btm. 713'/19.5 hrs. Drlg, svys: 2-3/4 deg @ 3507'; 2-3/4 deg @ 3950'. Drlg, drop Totco, TFNB. Wash to btm. Aerated wtr, 400 CFM. CC: \$78,660.

6/19/92 4925' Drlg 962'/23.5 hrs. Drlg, RS, chk BOPE. Drlg w/aerated DAP wtr, 6 PPB. Air 300 CFM. CC: \$85,799.

6/20/92 5535' Drlg 610'/23.5 hrs. Drlg, RS and svy: 2 deg @ 4991'. Drlg breaks from 5418-5440'. Aerated DAP wtr. 300 CFM air. CC: \$97,644.

6/21/92 6108' Circ and displ hole w/10# brine. Drlg, RS. Circ, wiper trip 20 stds. Circ and displ hole w/400 bbls 10# brine. Note: drld 100' additional due to drlg brk at 5992'. Drlg brks from 5521-5550', 5615-5640', 5766-5783', 5845-5873', 5992-6008'. 10# brine. CC: \$106,613.

6/22/92 6108' Rig released. SLM00H for logs. No corr. RU HLS. Run Den-Neut, DLL, GR and Cal. RIH. RU LD mach and LD pipe. Ran 141 jts 5-1/2" J-55, LT&C, 17# csg (6117.16'). Set at 6108'. Circ and work 20' to btm. Cmt w/Howco. Lead 220 sx HyFill, 1# sk Capseal, .3% HR7. Tail w/370 sx 50-50 Poz, 2% gel, 10% salt BWOW, .6% Hal 24, .2% CFR-3, 1#/sx Capseal, 1/4#/sx Flocele. Displ w/140 BW. Bump w/2000 psi. No returns. Set slips with 90,000#, ND BOP. RR @ 6:00 a.m., 6/22/92. CC: \$179,996. FINAL DRILLING REPORT.



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter

Governor

Dee C. Hansen

Executive Director

Dianne R. Nielson, Ph.D.

Division Director

355 West North Temple

3 Triad Center, Suite 350

Salt Lake City, Utah 84180-1203

801-538-5340

September 10, 1992

Eileen Danni Dey  
Coastal Oil & Gas Corporation  
P. O. Box 749  
Denver, Colorado 80201-0749

Dear Ms. Dey:

Re: Request for Completed Entity Action Form  
NBU 190 - NWNE Sec. 26, T. 9S, R. 21E - Uintah County, Utah

This is written to remind you that all well operators are responsible for sending an Entity Action Form to the Division of Oil, Gas and Mining within five working days of spudding a new well. This office was notified that your company spudded the NBU 190, API Number 43-047-32232, on May 27, 1992. At this time, we have not received an Entity Action Form for this well.

Please review the instructions on the back of the enclosed form. Make sure you choose the proper Action Code to show whether the well will be a single well with its own sales facilities (Code A), a well being added to an existing group of wells having the same tank battery and common division of royalty interest (Code B - show existing Entity Number to which well should be added), or a well being drilled in the participating area of a properly designated unit (Code B). Complete the form and return it to us by September 21, 1992.

Your attention to this matter is appreciated. If we can be of assistance to you, please feel free to call Lisha Romero at the above number.

Sincerely,

Don Staley  
Administrative Supervisor

lcr

Enclosure

cc: R. J. Firth

File

## ENTITY ACTION FORM - FORM 6

ADDRESS P.O. Box 749Denver, CO 80201-0749

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	2900	→	43-047-32232	NBU 190	NW NE	26	9S	21E	Uintah	5/2/92	5/2/92

WELL 1 COMMENTS:

*Entity added 9-24-92. Lee*

WELL 2 COMMENTS:

WELL 3 COMMENTS:

WELL 4 COMMENTS:

WELL 5 COMMENTS:

## ACTION CODES (See Instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

**RECEIVED**

SEP 23 1992

DIVISION OF  
OIL GAS & MINING*Eileen Danni Dey*  
Signature Eileen Danni Dey

Regulatory Analyst

Title \_\_\_\_\_ Date \_\_\_\_\_

Phone No. (303) 573-4476

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a well or reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

RECEIVED

JUL 02 1993

N/A

If Unit or CA Agreement Designation

Natural Buttes Unit

8. Well Name and No.

NBU #190

9. API Well No.

43-047-32232

10. Field and Pool, or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other NTL 2B; IV

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report returns or modifications on well completion or recompletion report and log term.)

3. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Coastal Oil & Gas Corporation hereby requests permission to dispose of produced water in unlined pits per NTL 2B, IV; for the subject well:

- 1) This well is completed in the Wasatch formation and produces less than 5 barrels of water per day on a monthly basis.
- 2) Two unlined pits per location are used, in most cases, due to the size and layout of the location: 40' x 40' x 8' and 6' x 6' x 6' deep with berms surrounding them. Each pit is fenced and has cement corner posts, per BLM specifications. (See the attached typical facilities diagram.)
- 3) The average evaporation rate for the area compensated for annual rainfall is 70 inches per year.
- 4) The estimated percolation rate based on the soil characteristics under and adjacent to the pits is 2-6 inches per hour.
- 5) The depth of usable water aquifers in this area is approximately 1500 feet.

\*Accepted by the State  
of Utah Division of  
Oil, Gas and Mining

Date: 7-8-93

Signed: [Signature] Title: Regulatory Analyst Date: 6/28/93

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

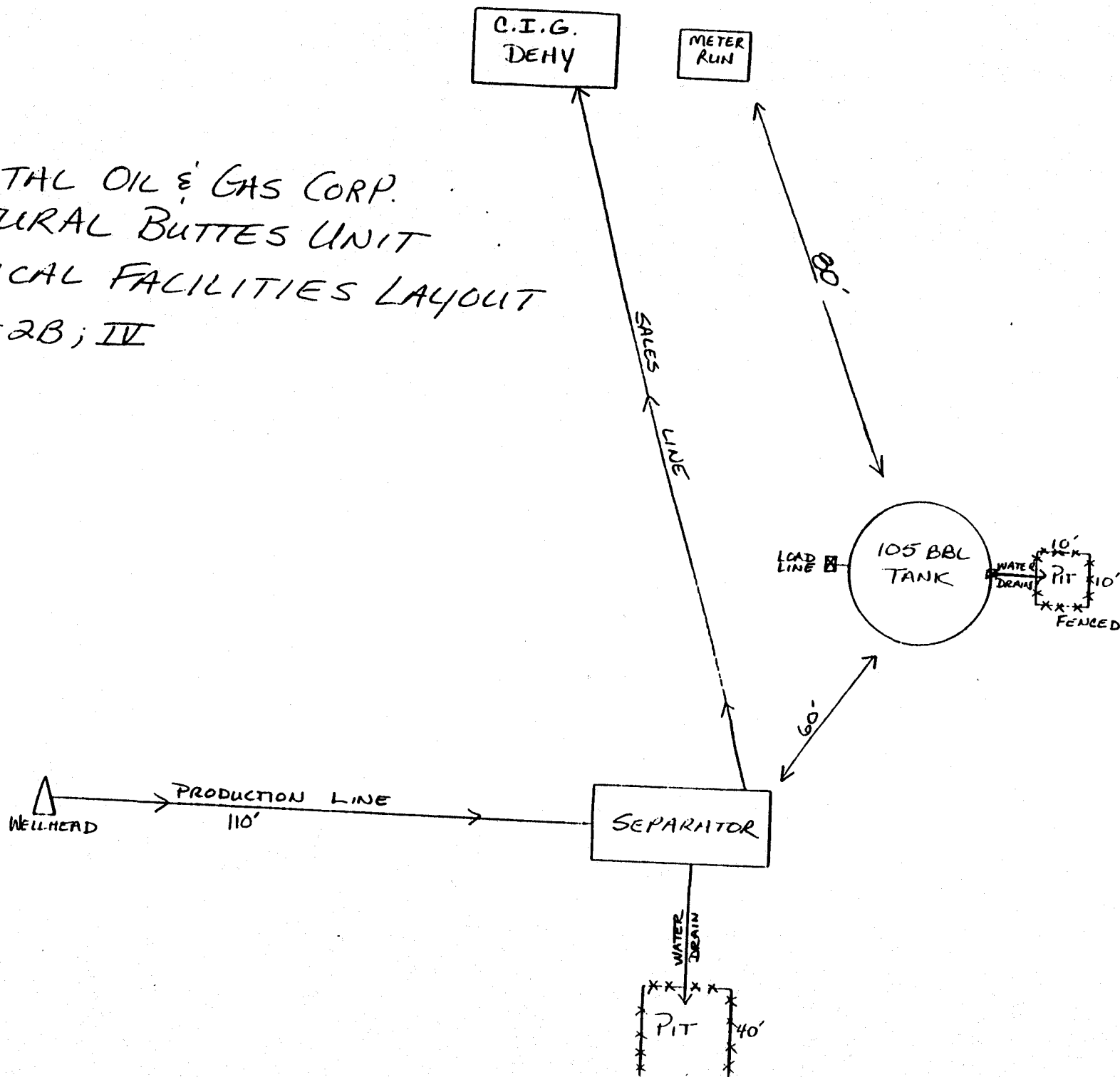
Title

Date

\*Must wait DOWN evidence for onsite pits.

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

COASTAL OIL & GAS CORP.  
NATURAL BUTTES UNIT  
TYPICAL FACILITIES LAYOUT  
NTL-2B; IV





STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

U-01194-ST

6. If Indian, Aliottee or Tribe Name:

N/A

7. Unit Agreement Name:

Natural Buttes

8. Well Name and Number:

NBU #190

9. API Well Number:

43-047-32232

10. Field and Pool, or Wildcat:

Natural Buttes

1. Type of Well:

OIL ☐ GAS ☒ OTHER:

2. Name of Operator:

Coastal Oil & Gas Corporation

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well

Footages:

614' FNL & 1436' FEL

County: Uintah

QQ, Sec., T., R., M.:

NW/NE Section 26, T9S-R21E

State: Utah

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

### NOTICE OF INTENT

(Submit in Duplicate)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandon                              | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing                        | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                      | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Convert to Injection                 | <input type="checkbox"/> Perforate            |
| <input checked="" type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion                  | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other                     |   |

CO, lower tubing, install PLE

Approximate date work will start

Upon approval

### SUBSEQUENT REPORT

(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon *                 | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other                     |   |

Date of work completion

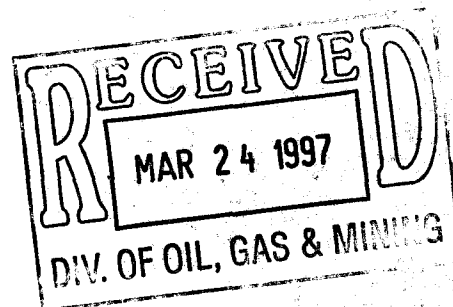
Report results of bMultiple CompletionsC and bRecompletionsC to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see the attached procedure for operations to be completed on the subject well.

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY



13.

Name & Signature:

*Bonnie Carson*

Title

Bonnie Carson

Senior Environmental Analyst

Date

03/21/97

(This space for State use only)

**NBU #190-26-9-21**  
**NATURAL BUTTES FIELD**  
**SECTION 26 T9S R21E**  
**WORKOVER PROCEDURE**

**WELL DATA**

LOCATION: 614' FNL 1436' FEL SEC. 26 T9S R21E  
ELEVATION: 4917' GR., 4928' KB.  
TD: 6108', PBTD 6083' (11/91) WLS(11/96) 5804'  
CSG: 8-5/8", 24.0#, K-55 @ 272' w/ 150 SX.  
5-1/2", 17.0#, J-55 @ 6108' w/ 590 SX.  
CMT ANNULUS w/ 255 SX.  
TBG: 2-3/8", 4.7#, J-55 @ 5364'  
FORMATION(S): WASATCH 5418' - 6054', 19 HOLES (7/92)

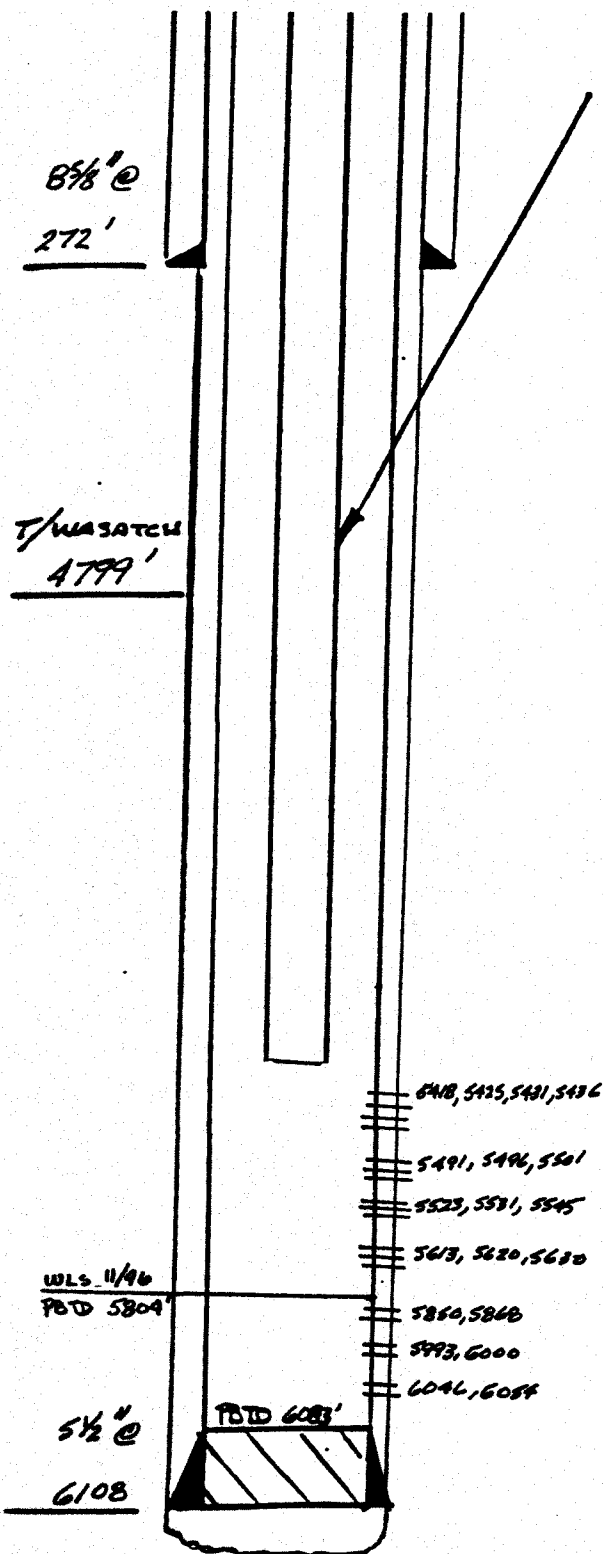
**PROCEDURE**

1. MI & RU pulling unit. Blow down & kill well w/ 2 % KCL water. ND WH. NU BOP.
2. MI & RU Air/foam unit. Circ. hole w/ kill fluid as above foamed w/ air. CO from 5804' (WLS) to PBTD of 6083'. RIH w/Broach to check 2-3/8" tbg for scale. POOH w/ Broach. PU & land tbg @ 6000'.
3. ND BOP. NU WH. RD & MO pulling and Air/Foam units.
4. RU service company. Pump 420 gal. 7-1/2 % HCL acid w/ inhibitors and clay stabilizers across perf's (5418' - 6000') to clean up possible scale. Acid to be swabbed back as soon as possible (8 - 12 hrs). RD service company. RU swab unit. Swab/flow well to clean up.
5. Install PLE. Return the well to sales.

NBU #190-26-9-21  
NATURAL BUTTES FIELD  
SECTION 26 T9S R21E

WELL DATA

LOCATION: 614' FNL 1436' FEL SEC. 26 T9S R21E  
ELEVATION: 4917' GR., 4928' KB.  
TD: 6108', PBD 6083' (11/91) WLS (11/96) 5804'  
CSG: 8-5/8", 24.0#, K-55 @ 272' w/ 150 SX.  
5-1/2", 17.0#, J-55 @ 6108' w/ 590 SX.  
CMT ANNULUS w/ 255 SX.  
TBG: 2-3/8", 4.7#, J-55 @ 5364'  
FORMATION(S): WASATCH 5418' - 6054', 19 HOLES (7/92)



(11/96) WLS PBD 5804'

(7/92) Wasatch 5418'-6054' 19 holes  
Perf 1 JSAF w/ 4" OGS gun

5418	5491	5523	5613	5860	5993	6046
5425	5496	5531	5620	5868	6000	6088
5431	5501	5545	5630			
5436						

BD w/ 1800 gal 15% MEZ + 48 BS's 1PF 500 MCF 5000 2 3/4" OK FTP 250"  
FRAC w/ 443,000 # SD + 175,500 gal Gel w/ 30% CD 2.  
1PF (7/92) 2800 MCF + 0.5 BC, 1 3/4" OK FTP 1450" CP 970"

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well:

OIL ☐GAS ☒

OTHER: \_\_\_\_\_

2. Name of Operator:

Coastal Oil &amp; Gas Corporation

3. Address and Telephone Number:

P.O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well

Footages:

614' FNL &amp; 1436' FEL

QQ, Sec., T., R., M.:

NW/NE Section 26, T9S-R21E

5. Lease Designation and Serial Number:

U-01194-ST

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

Natural Buttes Unit

8. Well Name and Number:

NBU #190

9. API Well Number:

43-047-32232

10. Field and Pool, or Wildcat:

Natural Buttes

County: Uintah

State: Utah

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## NOTICE OF INTENT

(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

## SUBSEQUENT REPORT

(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon *   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing                                       | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                                     | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Convert to Injection                                | <input type="checkbox"/> Vent or Flare        |
| <input checked="" type="checkbox"/> Fracture Treat or Acidize                | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other <u>CO, acidize, lower tubing, install PLE</u> |   |

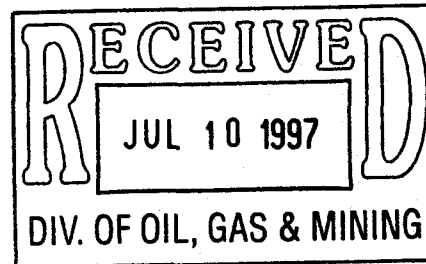
Date of work completion 06/24/97

Report results of bMultiple CompletionsÇ and bRecompletionsÇ to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please see attached chronological history for operations performed on the subject well.



13.

Name &amp; Signature: \_\_\_\_\_

Sheila Bremer

Title: Environmental &amp; Safety Analyst

Date

07/07/97

(This space for State use only)

Tax credit 3/90

---

**Clean Out, Acidize, Lower Tubing and Install PLE**

- 06/12/97     **RIH w/tbg & CO to PBTD.** Road rig from NBU 83J to NBU #190. MIRU. PU. SICP 300 psi, FTP 250 psi. RU pmp & lines. Pmp 30 bbls dn csg. RD WH & NU BOPs w/hydril & SH. RU floor. PU & LD hanger and blast jt. RU broach, broach tbg to SN. Talley, PU & RIH w/tbg, tag @ 5755'. POOH from perf, EOT @ 5011'. SDFN @ 3:00 PM.  
DC: \$2,743     TC: \$2,743
- 06/13/97     **RIH w/tbg and tag. Spot acid on perf.** SICP 250 psi, SITP 250 psi. Blow well dn. Pmp 10 bbls dn tbg. RIH w/tbg to 5728'. RU swivel. Breack circ w/air-foam. CO from 5755' to 6085' PBTD. Circ hole clean. Pmp 10 bbls dn tbg. RD swivel. POOH w/tbg to float. LD-POOH w/tbg, EOT @ 5334'. SDFN @ 5:00 PM. Pmpd 50 BLW, rec 40 BLW, 10 BLWTR  
DC: \$7,252     TC: \$9,995
- 06/14/97     **Swab on well.** SICP 300 psi, SITP 300 psi. Blow wel dn. Pmp 10 bbls dn tbg. RIH w/tbg to 6085' PBTD. LD 4 jts tbg. PU hanger & land tbg w/190 jts 2 $\frac{3}{8}$ " 4.7 J55 w/ NC & SN, EOT @ 5986', SN @ 5953'. RU BJ Serv & spot acid on perf from 6054' to 5418' w/ 420 gal 15% HCl w/add. Max/Avg P = 60/50 psi, Max/Avg Rt 4.4/4.2 BPM. TL 58 bbls, ISTP 0 psi - 5 min on vacuum. RD BJ Serv & WO acid. RD floor. ND BOPs w/hydril & SH. NU WH. RDMO & PU. MIRU Delsco & swab, IFL 3400'. Made 15 runs, rec 70 BW & acid FFL 5400', FCP 300 psi, FTP 0 psi. SDFN. Pmpd 68 BLWTR, rec 70 BLW, 8 BLWTR.  
DC: \$8,674     TC: \$18,669

- 06/15/97 **Selling on line.** RD Delsco, ITP 20 psi, TCP 300 psi, IFL 4700'. Made 10 runs, 30 bbls. Trip 6 times. Put well on production. FTP 150 psi, FCP 250, FFL 5000'. Pmpd 8 BLWTR, rec 30 BLW, 22 BLW overload. Flowing 72 MCF, 8 BW, 120 TP, 275 CP, on 35/64" chk.  
DC: \$1,282 TC: \$19,951
- 06/16/97 Flowing 88 MCF, 8 BW, 120 TP, 300 CP, on 35/64" chk.
- 06/17/97 400 psi CP, logged off.
- 06/19/97 **Workover Rig to move on well.** RU Delsco, try to swab, stuck in sd, lost 800' of sand line. Made 4 tries at fishing, rec 1' of line. RD. Well SI. Prep to move in W/O rig.  
DC: \$930 TC: \$20,881
- 06/20/97 **RIH w/tbg. CO w/air-foam.** Road Rig from NBU #224 to NBU #190. MIRU & PU. SICP 350 psi, SITP 50 psi. Blow well dn. Pmp 30 bbls dn csg. ND WH & NU BOPs w/hydril & SH. RU floor & tbg equip. PU & LD hanger & POOH w/tbg to rec sand line, jar, sinker bars, cups, PLE & stdg vlv. Clean sd out of tbg. RIH w/tbg, tag @ 5986'. LD 4 jts tbg. POOH 16 stds from perf, EOT @ 4868'. SDFN @ 4:30 PM.  
DC: \$3,567 TC: \$24,448
- 06/21/97 **Plan to tag PBTB, if OK land tbg.** ITP 325 psi, ICP 250 psi. Blow down, pmp 10 bbls down tbg. RIH, tag @ 5955', lost another 31' over night. PU swivel, break circ. Clean sd w/ air-foam to 6083' PBTB. Kill tbg 10 bbls 2%. Pull 16 stds. SDFN  
DC: \$7,625 TC: \$32,073
- 06/22/97 **On production.** ITP 350 psi, ICP 350 psi. Kill tbg w/ 10 bbls 2% KCl. TIH, tag PBTB 6076', LD 45 jts, land tbg, EOT 5986'. ND BOP. NU WH. RDMO. MI Delsco. RU, tag fluid 5000'. Made 10 runs, kicked off, drop plunger watch 2 runs. RDMO. On production @ 2 PM, 6/21/97. FFL 5500', FTP 300 psi, FCP 300 psi, rec 30 BLW.  
DC: \$2,054 TC: \$34,127
- 06/23/97 Flowing 272 MCF, 10 BW, 180 TP, 299 CP, on 35/64" chk.
- 06/24/97 Flowing 322 MCF, 10 BW, 202 TP, 265 CP, on 35/64" chk. Prior Production: Flowing 254 MCF, 0 BW, 102 TP, 183 CP, on 35/64" chk. **Final Report**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR: 8 South 1200 East CITY Vernal STATE Utah ZIP 84078 PHONE NUMBER: 435-789-4433

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

COUNTY:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT  
(Submit in Duplicate)

Approximate date work will start:

☐ SUBSEQUENT REPORT  
(Submit Original Form Only)

Date of work completion:

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☒ OTHER: Name Change

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation

NAME (PLEASE PRINT) John T. Elzner

TITLE Vice President

SIGNATURE

DATE 06-15-01

El Paso Production Oil & Gas Company

NAME (PLEASE PRINT) John T. Elzner

TITLE Vice President

SIGNATURE

DATE 06-15-01

(This space for State use only)

RECEIVED

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING

State of Delaware  
*Office of the Secretary of State*

---

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

JUN 14 2001

DIVISION OF  
OIL, GAS AND MINING



*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01



## CERTIFICATE OF AMENDMENT

OF

## CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST," so that, as amended, said Article shall be and read as follows:

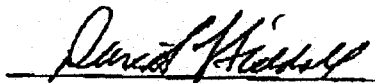
"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

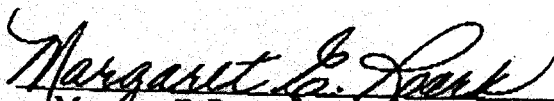
IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL &amp; GAS CORPORATION



David L. Siddall  
Vice President

Attest:

  
Margaret E. Roark, Assistant Secretary

RECEIVED

STATE OF DELAWARE  
SECRETARY OF STATE  
DIVISION OF CORPORATIONS  
FILED 11:00 AM 03/09/2001  
010118394 - 0610204

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

# RECEIVED

JUL 12 2001

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:  
3106  
UTSL-065841  
(UT-924)

JUL 10 2001

### NOTICE

El Paso Production Oil & Gas Company	:	Oil and Gas
Nine Greenway Plaza	:	
Houston TX 77046-0095	:	

### Name Change Recognized

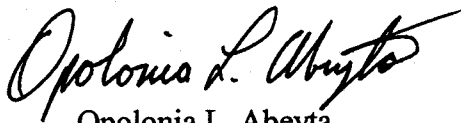
Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

For our purposes, the name change is recognized effective March 9, 2001.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Coastal Oil & Gas Corporation to El Paso Production Oil & Gas Company. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Wyoming and Colorado.



Opolonia L. Abeyta  
Acting Chief, Branch of  
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
~~State of Utah~~ DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

### Exhibit of Leases

UTUSL-065841A	UTU-47172	UTU-74415	UTU-53860
UTU-28652	UTU-50687	UTU-74416	UTU-66401
UTU-37943	UTU-52298	UTU-75091	UTU-67868
UTU-44089	UTU-0109054	UTU-75096	UTU-65389
UTU-44090A	UTU-0143511	UTU-75097	UTU-77084
UTU-61263	UTU-0143512	UTU-75673	UTU-61430
UTU-00343	UTU-38401	UTU-76259	UTU-72633
UTU-02651	UTU-38411	UTU-76260	UTU-72650
UTU-02651B	UTU-38418	UTU-76261	UTU-49692
UTU-0142175	UTU-38419	UTU-76493	UTU-57894
UTU-70235	UTU-38420	UTU-76495	UTU-76829
UTU-70406	UTU-38421	UTU-76503	UTU-76830
UTU-74954	UTU-38423	UTU-78228	UTU-76831
UTU-75132	UTU-38424	UTU-78714	
UTU-75699	UTU-38425	UTU-78727	
UTU-76242	UTU-38426	UTU-78734	
UTU-78032	UTU-38427	UTU-79012	
UTU-4377	UTU-38428	UTU-79011	
UTU-4378	UTU-53861	UTU-71694	
UTU-7386	UTU-58097	UTU-00576	
UTU-8344A	UTU-64376	UTU-00647	
UTU-8345	UTU-65222	UTU-01470D	
UTU-8347	UTU-65223	UTU-0136484	
UTU-8621	UTU-66746	UTU-8344	
UTU-14646	UTU-67178	UTU-8346	
UTU-15855	UTU-67549	UTU-8648	
UTU-25880	UTU-72028	UTU-28212	
UTU-28213	UTU-72632	UTU-30289	
UTU-29535	UTU-73009	UTU-31260	
UTU-29797	UTU-73010	UTU-33433	
UTU-31736	UTU-73013	UTU-34711	
UTU-34350	UTU-73175	UTU-46699	
UTU-34705	UTU-73434	UTU-78852	
UTU-37116	UTU-73435	UTU-78853	
UTU-37355	UTU-73444	UTU-78854	
UTU-37573	UTU-73450	UTU-075939	
UTU-38261	UTU-73900	UTU-0149767	
UTU-39223	UTU-74409	UTU-2078	
UTU-40729	UTU-74410	UTU-44426	
UTU-40736	UTU-74413	UTU-49530	
UTU-42469	UTU-74414	UTU-51026	

**OPERATOR CHANGE WORKSHEET****ROUTING**

1. GLH		4-KAS
2. CDW ✓		5-LP ✓
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

**X**      **Merger**The operator of the well(s) listed below has changed, effective: **3-09-2001**

<b>FROM:</b> (Old Operator):
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

<b>TO:</b> ( New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

**CA No.****Unit:** NATURAL BUTTES**WELL(S)**

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 6	43-047-30083	2900	24-09S-21E	FEDERAL	GW	P
NBU 210-24	43-047-31153	2900	24-09S-21E	FEDERAL	GW	P
NBU 219-24	43-047-31308	2900	24-09S-21E	FEDERAL	GW	P
NBU 301-24E	43-047-32131	2900	24-09S-21E	FEDERAL	GW	P
NBU 336-24E	43-047-32264	2900	24-09S-21E	FEDERAL	GW	P
NBU 386-24E	43-047-33056	2900	24-09S-21E	FEDERAL	GW	P
NBU 111	43-047-31920	2900	25-09S-21E	FEDERAL	GW	P
NBU 320	43-047-33201	99999	25-09S-21E	STATE	GW	APD
NBU 15	43-047-30204	2900	26-09S-21E	FEDERAL	GW	P
NBU 107	43-047-31916	2900	26-09S-21E	FEDERAL	GW	P
NBU 132	43-047-31938	2900	26-09S-21E	FEDERAL	GW	P
NBU 190	43-047-32232	2900	26-09S-21E	FEDERAL	GW	P
NBU 109	43-047-31917	2900	27-09S-21E	FEDERAL	GW	P
NBU 20	43-047-30250	2900	28-09S-21E	FEDERAL	GW	P
NBU 56	43-047-30884	2900	28-09S-21E	FEDERAL	GW	P
NBU 110	43-047-31924	2900	28-09S-21E	FEDERAL	GW	P
NBU 133	43-047-31950	2900	28-09S-21E	FEDERAL	GW	P
NBU 134	43-047-32011	2900	28-09S-21E	FEDERAL	GW	P
NBU 166	43-047-32065	2900	28-09S-21E	FEDERAL	GW	P
NBU 175	43-047-32143	2900	28-09S-21E	FEDERAL	GW	P

**OPERATOR CHANGES DOCUMENTATION**

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
4. Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If NO, the operator was contacted contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 07/10/2001
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 07/10/2001
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: 07/10/2001
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

---

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 07/31/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 07/31/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

---

**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: N/A

---

**FEDERAL BOND VERIFICATION:**

1. Federal well(s) covered by Bond No.: WY 2793

---

**FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond No: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: \_\_\_\_\_

---

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: \_\_\_\_\_

---

**FILING:**

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: \_\_\_\_\_

---

**COMMENTS:** Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".

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JAN. 17. 2003 3:34PM WESTPORT

NO. 173 P. 2

**WESTPORT OIL AND GAS COMPANY, L.P.**

410 Seventeenth Street #2300 Denver Colorado 80202-4436  
Telephone: 303 573 5404 Fax: 303 573 5409

February 1, 2002

Department of the Interior  
Bureau of Land Management  
2850 Youngfield Street  
Lakewood, CO 80215-7093  
Attention: Ms. Martha Maxwell

RE: BLM Bond CO-1203  
BLM Nationwide Bond 158626364  
Surety - Continental Casualty Company  
Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.  
Assumption Rider - Westport Oil and Gas Company, L.P.

Dear Ms. Maxwell:

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (2) Assumption Riders, fully executed originals.  
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.  
List of all Federal/BIA/State Leases - Belco/Westport's leases - in all states.

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,  
Westport Oil and Gas Company, L.P.

Debby J. Black  
Engineer Technician

Encl:



United States Department of the Interior **RECEIVED**

BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

FEB 22 2002

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:

3106

UTU-25566 et al

(UT-924)

FEB 21 2002

NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas  
410 Seventeenth Street, #2300 :  
Denver Colorado 80215-7093 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

For our purposes, the name change is recognized effective December 31, 2001.

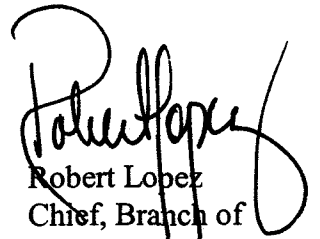
The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.



Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405  
UTU-20895  
UTU-25566  
UTU-43156  
UTU-49518  
UTU-49519  
UTU-49522  
UTU-49523



Robert Lopez  
Chief, Branch of  
Minerals Adjudication

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

# memorandum

Branch of Real Estate Services  
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to:  
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

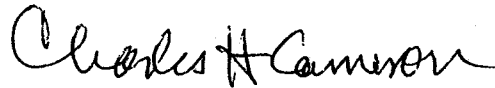
We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate your concern, and hope that these comments are timely enough for consideration in the revision process.

CC: Minerals & Mining Section of RES  
Ute Energy & Mineral Resources Department: Executive Director  
chrono



**United States Department of the Interior****BUREAU OF INDIAN AFFAIRS**

Washington, D.C. 20240

**FEB 10 2003**IN REPLY REFER TO:  
**Real Estate Services**

**Carroll A. Wilson  
Principal Landman  
Westport Oil and Gas Company, L.P.  
1368 South 1200 East  
Vernal, Utah 84078**

**Dear Mr. Wilson:**

**This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.**

**This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.**

**In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.**

**Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.**

**Sincerely,****Director, Office of Trust Responsibilities****ACTING****Enclosure**



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

IN REPLY REFER TO  
UT-922

February 27, 2003

Westport Oil and Gas Company, L.P.  
Attn: Gary D. Williamson  
1670 Broadway, Suite 2800  
Denver, Colorado 80202

Re: Natural Buttes Unit  
Uintah County, Utah

Gentlemen:

On February 27, 2003, we received an indenture dated December 17, 2002, whereby El Paso Production Oil & Gas Company resigned as Unit Operator and Westport Oil and Gas Company, L.P., was designated as Successor Unit Operator for the Natural Buttes Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 27, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Natural Buttes Unit Agreement.

Your nationwide (Colorado) oil and gas bond No. 1203 will be used to cover all operations within the Natural Buttes Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
Minerals Adjudication Group  
File - Natural Buttes Unit (w/enclosure)  
Agr. Sec. Chron  
Fluid Chron

UT922:TAThompson:tt:02/27/2003

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: El Paso Production Oil & Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 9 Greenway Plaza CITY: Houston STATE: TX ZIP: 77064-0995 PHONE NUMBER: (832) 676-5933		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: COUNTY: QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH		8. WELL NAME and NUMBER: Exhibit "A"
		9. API NUMBER:
		10. FIELD AND POOL, OR WILDCAT:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input checked="" type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: _____
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND # \_\_\_\_\_

State Surety Bond No. RLB0005236  
Fee Bond No. RLB0005238

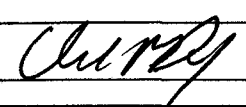
EL PASO PRODUCTION OIL & GAS COMPANY

By:   
Jon R. Nelsen, Attorney-in-Fact

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.	
NAME (PLEASE PRINT) David R. Dix	TITLE Agent and Attorney-in-Fact
SIGNATURE 	DATE 12/17/02

(This space for State use only)

Form 3160-5  
(August 1999)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

SEE ATTACHED EXHIBIT "A"

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

SEE ATTACHED EXHIBIT "A"

9. API Well No.

SEE ATTACHED EXHIBIT "A"

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UT

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL &amp; GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED EXHIBIT "A"

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

- ☐
- Notice of Intent
- 
- ☐
- Subsequent Report
- 
- ☐
- Final Abandonment Notice

## TYPE OF ACTION

- |   |   |  |   |
|---|---|--|---|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off   |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity   |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | SUCCESSOR OF                              |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            | OPERATOR                                  |

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed when testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED

MAR 04 2003

DIV. OF OIL, GAS &amp; MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

CHERYL CAMERON

Title

OPERATIONS

Date

March 4, 2003

Approved by

THIS SPACE FOR FEDERAL OR STATE USE

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

# OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH
2. CDW ✓
3. FILE

**X Change of Operator (Well Sold)**

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **12-17-02**

<b>FROM: (Old Operator):</b>	<b>TO: ( New Operator):</b>
EL PASO PRODUCTION OIL & GAS COMPANY	WESTPORT OIL & GAS COMPANY LP
Address: 9 GREENWAY PLAZA	Address: P O BOX 1148
HOUSTON, TX 77064-0995	VERNAL, UT 84078
Phone: 1-(832)-676-5933	Phone: 1-(435)-781-7023
Account No. N1845	Account No. N2115

**CA No.** **Unit:** NATURAL BUTTES

## WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 68N2	26-09S-21E	43-047-31089	2900	STATE	GW	P
NBU 82N4	26-09S-21E	43-047-31236	2900	STATE	GW	PA
NBU 88V	26-09S-21E	43-047-31233	2900	STATE	GW	P
NBU 107	26-09S-21E	43-047-31916	2900	FEDERAL	GW	P
NBU 132	26-09S-21E	43-047-31938	2900	FEDERAL	GW	P
NBU 190	26-09S-21E	43-047-32232	2900	FEDERAL	GW	P
NBU 224	26-09S-21E	43-047-32516	2900	STATE	GW	P
NBU 223	26-09S-21E	43-047-32517	2900	STATE	GW	P
NBU 258	26-09S-21E	43-047-32791	2900	STATE	GW	P
NBU 259	26-09S-21E	43-047-32792	2900	STATE	GW	P
NBU 302	26-09S-21E	43-047-32877	2900	STATE	GW	P
NBU 303	26-09S-21E	43-047-32878	2900	STATE	GW	P
NBU 321	26-09S-21E	43-047-33202	2900	STATE	GW	P
NBU 395	27-09S-21E	43-047-34374	2900	STATE	GW	P
NBU 405	27-09S-21E	43-047-34407	2900	STATE	GW	P
NBU 214	27-09S-21E	43-047-32466	2900	STATE	GW	P
NBU 304	27-09S-21E	43-047-32879	2900	STATE	GW	P
NBU 305	27-09S-21E	43-047-32880	2900	STATE	GW	P
NBU 306	27-09S-21E	43-047-32860	2900	STATE	GW	P
NBU 109	27-09S-21E	43-047-31917	2900	FEDERAL	GW	P

## OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 02/28/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/06/2003
4. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
5. If **NO**, the operator was contacted contacted on: \_\_\_\_\_

6. (R649-9-2) Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 02/27/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 03/12/2003
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 03/12/2003
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: RLB 0005236

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: 158626364

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: RLB 0005239

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB 0005238
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:**

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Multiple Wells - see attached

5. Lease Serial No.

Multiple Wells - see attached

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

891008900A

8. Well Name and No.

Multiple Wells - see attached

9. API Well No.

Multiple Wells - see attached

10. Field and Pool, or Exploratory Area

Natural Buttes Unit

11. County or Parish, State

Uintah County, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Westport Oil & Gas requests a variance to Onshore Order No. 4, Part IIIC.a. requiring each sales tank be equipped with a pressure-vacuum thief hatch and/or vent line valve. The variance is requested as an economic analysis shows the value of the shrunk condensate will not payout the incremental cost of purchasing and maintaining the valve resulting in a loss of value over the producing life of the well.

The volume lost to shrinkage by dropping the tank pressure from 6 ozs. to 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of original volume to 98.52% when the pressure was dropped. The average NBU well produces approximately 6 bbls condensate per month. The resulting shrinkage would amount to 0.56 bbls per month lost volume due to shrinkage. The value of the shrunk and lost condensate does not recoup or payout the cost of installing and maintaining the valves and other devices that hold the positive tank pressure. An economic run based on the loss and costs is attached. Westport Oil & gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

J.T. Conley

Signature

COPY SENT TO OPERATOR

Date: 9-16-03

Initials: JTC

Title

Date

Operations Manager

9-2-2003

SEP 10 2003

DIV. OF OIL, GAS & MIN.

Approved by

Title

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Date

Federal Approval of This  
Action is Necessary

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Date: 9/16/03

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

NBU 163	14-10-21 NENW	UTU465	891008900A	430473206900S1
NBU 164	3-10-22 NWSE	UTU01191A	891008900A	430473205500S1
NBU 165	3-10-22 NENW	UTU01191	891008900A	430473205700S1
NBU 166	28-9-21 SWSE	U05676	891008900A	430473206500S1
NBU 167	25-9-21 SESW	U01194	891008900A	430473205400S1 ✓
NBU 168	12-10-20 NWSW	UTU4478	891008900A	430473211700S1 ✓
NBU 169	12-10-20 SESW	UTU4478	891008900A	430473211800S1
NBU 170	4-10-22 NWNW	UTU01191A	891008900A	430473216900S1
NBU 171	5-10-22 SENE	UTU01191A	891008900A	430473211500S1
NBU 172	19-9-22 NENE	UTU0284	891008900A	430473219400S1
NBU 173	33-9-22 NWNE	UTU01191A	891008900A	430473211600S1
NBU 174	11-9-21 NWNW	UTU0141315	891008900A	430473219300S1
NBU 175	28-9-21 NENW	U05676	891008900A	430473214300S1
NBU 176	28-9-21 SWNW	U05676	891008900A	430473214400S1
NBU 177	29-9-21 NESE	UTU0581	891008900A	430473211200S1
NBU 178	30-9-21 NWNE	UTU0581	891008900A	430473212100S1
NBU 180	10-10-22 SWSE	UTU025187	891008900A	430473211300S1
NBU 181	9-9-21 SESW	UTU0576	891008900A	430473216100S1
NBU 182	11-9-21 SENW	UTU0141315	891008900A	430473216200S1
NBU 183	27-9-21 SWNW	U01194A	891008900A	430473212200S1 ✓
NBU 184	30-9-22 SESW	U463	891008900A	430473217000S1
NBU 185	3-10-22 SWNE	UTU01191A	891008900A	430473217100S1
NBU 186	30-9-22 SENE	U463	891008900A	430473223300S1
NBU 187	34-9-22 SESW	UTU0149077	891008900A	430473223000S1
NBU 188	10-10-22 SWSW	U01196C	891008900A	430473223400S1
NBU 189	23-9-21 SESW	UTU0149075	891008900A	430473223600S1
NBU 190	26-9-21 NWNE	U01194	891008900A	430473223200S1
NBU 191	15-9-21 SWSW	UTU010950A	891008900A	430473229800S1
NBU 192	22-9-21 NENW	UTU0147566	891008900A	430473229900S1
NBU 193	22-9-21 SWSW	UTU010950A	891008900A	430473230000S1
NBU 194	22-9-21 NESW	UTU010950A	891008900A	430473229600S1
NBU 195	11-9-21 NWNE	UTU0141317	891008900A	430473235500S1
NBU 198	22-9-21 NWSE	UTU010950A	891008900A	430473235700S1
NBU 199	9-9-21 SWSW	UTU0576A	891008900A	430473233700S1
NBU 200	19-9-22 NESE	UTU0284	891008900A	430473235900S1
NBU 201	9-9-21 SWNW	UTU0149767	891008900A	430473236400S1
NBU 202	8-9-21 NENE	UTU0149767	891008900A	430473233800S1
NBU 204	9-10-22 NWNE	UTU01196D	891008900A	430473234200S1
NBU 206	10-10-22 SWNW	U01196C	891008900A	430473234100S1
NBU 207	10-10-22 NENW	UTU69129	891008900A	430473232900S1 ✓
NBU 208	4-10-22 SESE	UTU01191	891008900A	430473234300S1
NBU 209	3-10-22 SWSW	UTU01191	891008900A	430473234500S1
NBU 210	10-10-22 NESW	U01196C	891008900A	430473234000S1
NBU 211	1-10-21 NWSW	U02842B	891008900A	430473233900S1
NBU 212	24-10-20 NENW	UTU4485	891008900A	430473239900S1
NBU 213	15-10-22 NWNW	UTU025187	891008900A	430473240100S1
NBU 214	27-9-21 NWSW	U01194	891008900A	430473246600S1 ✓
NBU 215	12-10-21 NWNW	UTU01190	891008900A	430473247100S1
NBU 216	15-9-21 NESW	UTU010950A	891008900A	430473248700S1
NBU 217	28-9-21 NESW	U05676	891008900A	430473248000S1
NBU 221X	34-9-21 NWNW	U01194A	891008900A	430473254500S1 ✓
NBU 222	11-10-22 SWNE	U01194A	891008900A	430473250900S1 ✓
NBU 223	26-9-21 NENW	U01194	891008900A	430473251700S1 ✓
NBU 224	26-9-21 NESW	U01194	891008900A	430473251600S1 ✓
NBU 228	17-9-21 SWSE	UTU0575	891008900A	430473263600S1
NBU 229	3-10-22 NWNE	UTU01191A	891008900A	430473259400S1
NBU 230A	3-10-22 SENE	UTU01191A	891008900A	430473290800S1
NBU 231	10-10-22 NWNE	U01197	891008900A	430473256100S1 ✓
NBU 236	30-9-22 SWNW	U463	891008900A	430473299400S1
NBU 242	5-10-22 SWSE	UTU01181	891008900A	430473294400S1
NBU 243	6-10-22 NWNW	UTU464	891008900A	430473293000S1
NBU 244	7-10-22 NESE	UTU466	891008900A	430473293100S1

# Westport Oil & Gas, L.P. Project Economics Worksheet

## Instructions:

Fill in blue areas with before and after project data. The evaluation results are shown below and graphed automatically at the bottom of the page. This sheet is protected to prevent accidental alteration of the formulas. See JTC for changes. OPX entered as annual costs and/or as unit OPX costs for \$/BF and \$/MCF

Project Name:

Condensate Shrinkage Economics

Is this job a well pull or production rig job ??? ☐ N (Y or N)

	BEFORE \$/Year	AFTER \$/Year	DIFFERENCE \$/Year
Gross Oil Revenue	\$1,088	\$1,099	\$11
Gross Gas Revenue	\$0	\$0	\$0
NGL Revenue	\$0	\$0	\$0
PULING UNIT SERVICE			\$0
WIRELINE SERVICE			\$0
SUBSURF EQUIP REPAIRS			\$0
COMPANY LABOR			\$0
CONTRACT LABOR	\$0	\$200	\$200
CONTR SERVICE			\$0
LEASE FUEL GAS	\$0	\$0	\$0
UTILITIES - ELECTRICITY	\$0	\$0	\$0
CHEMICAL TREATING			\$0
MATERIAL & SUPPLY	\$0	\$150	\$150
WATER & HAULING			\$0
ADMINISTRATIVE COSTS			\$0
GAS PLANT PROCESSING			\$0
<b>Totals</b>	<b>\$0</b>	<b>\$350</b>	<b>\$350</b>

Increased OPX Per Year

## Investment Breakdown:

	Cap/Exp Code	Cost, \$
Capital \$	820/830/840	\$1,200
Expense \$	830/840	\$0
Total \$		\$1,200

Oil Price	\$ 23.00	\$/BO
Gas Price	\$ 3.10	\$/MCF
Electric Cost	\$ -	\$/ HP / day
OPX/BF	\$ 2.00	\$/BF
OPX/MCF	\$ 0.62	\$/MCF

## Production & OPX Detail:

	Before		After		Difference	
Oil Production	0.192	BOPD	0.194	BOPD	0.002	BOPD
Gas Production	0	MCFPD	0	MCFPD	0	MCFPD
Wtr Production	0	BWPD	0	BWPD	0	BWPD
Horse Power		HP		HP	0	HP
Fuel Gas Burned		MCFPD		MCFPD	0	MCFPD

## Project Life:

Life = 20.0 Years  
(Life no longer than 20 years)

## Internal Rate of Return:

After Tax IROR = #DIV/0!

## AT Cum Cashflow:

Operating Cashflow = (\$2,917) (Discounted @ 10%)

## Payout Calculation:

Payout =  $\frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}}$  = 1

Payout occurs when total AT cashflow equals investment  
See graph below, note years when cashflow reaches zero

Payout = NEVER Years or #VALUE! Days

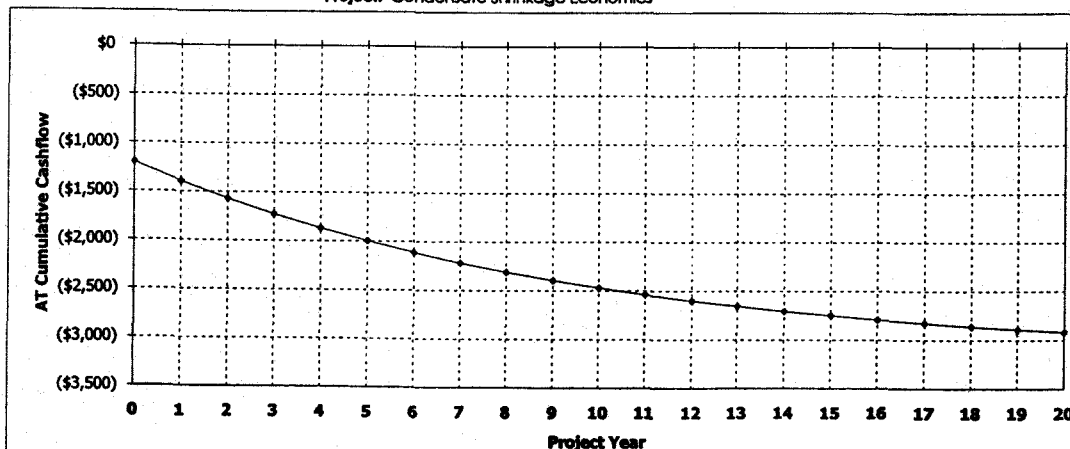
## Gross Reserves:

Oil Reserves = 6 BO  
Gas Reserves = 0 MCF  
Gas Equiv Reserves = 38 MCFE

## Notes/Assumptions:

An average NBU well produces 0.192 Bopd with no tank pressure. The production is increased to 0.194 Bopd if 4 ozs of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.

Project: Condensate Shrinkage Economics



# Westport Oil and Gas, Inc.

NBU/Ouray Field

RFL 2003-022

## COMPARISON OF FLASH BACK PRESSURES

Calculated by Characterized Equation-of-State

Flash Conditions		Gas/Oil Ratio (scf/STbbl) (A)	Specific Gravity of Flashed Gas (Air=1.000)	Separator Volume Factor (B)	Separator Volume Percent (C)
psig	°F				

### Calculated at Laboratory Flash Conditions

80	70			1.019	
0	122	30.4	0.993	1.033	101.37%
0	60	0.0	—	1.000	98.14%

### Calculated Flash with Backpressure using Tuned EOS

80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
0	60	0.0	—	1.000	98.52%

(A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.

(B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

(C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water

**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS AND MINING**

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT – for such proposals		6. Lease Designation and Serial Number U-01194-ST
		7. Indian Allottee or Tribe Name
		8. Unit or Communitization Agreement NATURAL BUTTES UNIT
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		9. Well Name and Number NBU 190
2. Name of Operator WESTPORT OIL & GAS COMPANY, L.P.		10. API Well Number 43-047-32232
3. Address of Operator P.O. BOX 1148, VERNAL, UTAH 84078	4. Telephone Number 435-781-7060	11. Field and Pool, or Wildcat NATURAL BUTTES
5. Location of Well Footage : 614' FNL 1436' FEL      County : UINTAH QQ, Sec, T., R., M : NWNE SEC 26-T9S-R21E      State : UTAH		
12. <b>CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		

**NOTICE OF INTENT**

(Submit in Duplicate)

<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

Approximate Date Work Will Start \_\_\_\_\_

**SUBSEQUENT REPORT**

(Submit Original Form Only)

<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing
<input type="checkbox"/> Change of Plans	<input checked="" type="checkbox"/> Shoot or Acidize
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Other _____	

Date of Work Completion 12/3/03

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

PUMP 4 DRUMS DOWN TBG W/ 15% HCL ACID AND FLUSH WITH 15 BBLs OF 2% KCL WATER.

14. I hereby certify that the foregoing is true and correct.

Name & Signature DEBRA DOMENICI *Debra Domenici* Title SR ADMIN ASSIST Date 12/08/03

(State Use Only)

**RECEIVED****DEC 15 2003****DIV. OF OIL, GAS & MINING**

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ

2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**1/6/2006**

**FROM: (Old Operator):**

N2115-Westport Oil & Gas Co., LP  
 1368 South 1200 East  
 Vernal, UT 84078  
 Phone: 1-(435) 781-7024

**TO: ( New Operator):**

N2995-Kerr-McGee Oil & Gas Onshore, LP  
 1368 South 1200 East  
 Vernal, UT 84078  
 Phone: 1-(435) 781-7024

**CA No.**

**Unit:**

**NATURAL BUTTES UNIT**

**WELL NAME**

**SEC TWN RNG**

**API NO**

**ENTITY  
NO**

**LEASE  
TYPE**

**WELL  
TYPE**

**WELL  
STATUS**

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- 4a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- 4b. If **NO**, the operator was contacted on: \_\_\_\_\_
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- 5c. Reports current for Production/Disposition & Sundries on: ok
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
7. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
8. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 5/15/2006
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
3. Bond information entered in RBDMS on: 5/15/2006
4. Fee/State wells attached to bond in RBDMS on: 5/16/2006
5. Injection Projects to new operator in RBDMS on: \_\_\_\_\_
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

**BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: CO1203
2. Indian well(s) covered by Bond Number: RLB0005239
3. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG
- The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

4. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

**COMMENTS:**



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**KERR-McGEE OIL & GAS ONSHORE LP**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7024**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SEE ATTACHED**

5. Lease Serial No.

**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

**MUTIPLE WELLS**

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

**UINTAH COUNTY, UTAH**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

**TYPE OF ACTION**

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other **CHANGE OF OPERATOR**

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

**RECEIVED**

**MAY 10 2006**

DIV. OF OIL, GAS & MINING

**BLM BOND = C01203**

**BIA BOND = RLB0005237**

**APPROVED 5/16/06**

**Earlene Russell**  
**Division of Oil, Gas and Mining**  
**Earlene Russell, Engineering Technician**

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

**RANDY BAYNE**

Title

**DRILLING MANAGER**

Signature

Date

**May 9, 2006**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06

Earlene Russell  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Signature

Title

ENGINEERING SPECIALIST

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Brad Laney

Title

Office

Date

5-9-06

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)



## United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Colorado State Office  
2850 Youngfield Street  
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)  
3106  
COC017387 et. al.

March 23, 2006

### NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :  
1999 Broadway, Suite 3700 : Oil & Gas  
Denver, CO 80202 :

#### Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell  
Martha L. Maxwell  
Land Law Examiner  
Fluid Minerals Adjudication

**Attachment:**

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-922)

March 27, 2006

### Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of  
Fluid Minerals

### Enclosure

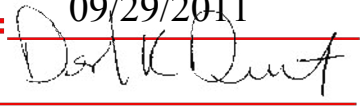
Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare  
Dave Mascarenas  
Susan Bauman

RECEIVED

MAR 28 2006

UT. OF OIL, GAS & MIN. (BLM)

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UO1194ST
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		<b>8. WELL NAME and NUMBER:</b> NBU 190
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 0614 FNL 1436 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 26 Township: 09.0S Range: 21.0E Meridian: S		<b>9. API NUMBER:</b> 43047322320000
<b>PHONE NUMBER:</b> 720 929-6515 Ext		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UTAH		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 9/16/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input checked="" type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: <input style="width: 100px;" type="text"/> </div> </div>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> The operator requests authorization to temporarily abandon the subject well location. The operator proposes to temporarily abandon the well to drill the MAVERICK 921-26B-HZ. Please see attached procedures.		
<b>Approved by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> 09/29/2011 <b>By:</b> 		
<b>NAME (PLEASE PRINT)</b> Jaime Scharnowske		<b>PHONE NUMBER</b> 720 929-6304
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory Analyst
<b>DATE</b> 9/16/2011		

**Well Name:** NBU 190 8/31/2011  
**Surface Location:** NWNE Sec. 26, T9S, R21E  
 Uintah County, UT  
  
**API:** 4304732232 **LEASE#:** STATE U-01194  
  
**ELEVATIONS:** 4917' GL 4928' KB  
  
**TOTAL DEPTH:** 6108' **PBTD:** 6047'  
  
**SURFACE CASING:** 8 5/8", 24# K-55 @ 272'  
  
**PRODUCTION CASING:** 5 1/2", 17# J-55 @ 6108'  
  
**PERFORATIONS:** WASATCH 5418' - 6054'

Tubular/Borehole	Drift inches	Collapse psi	Burst psi	Capacities		
				Gal./ft.	Cuft./ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1624	0.02171	0.0039
5.5" 17# K-55	4.892	4910	5320	0.9764	0.1305	0.02324
8.625" 24# J-55	7.972	1370	3930	2.6749	0.3575	0.0636
<b>Annular Capacities</b>						
2.375" tbg. X 5 1/2" 18# csg				0.7013	0.0937	0.0167
5.5" csg X 8 5/8" 24# csg				1.296	0.1733	0.0309
5.5" csg X 7.875 borehole				1.4407	0.1926	0.0343
8.625" csg X 12 1/4" borehole				3.0874	0.4127	0.0735

**GEOLOGICAL TOPS:**  
 4799' Wasatch

**Tech. Pub. #92 Base of USDW's**  
 USDW Elevation ~4500' MSL  
 USDW Depth ~428' KBE

**Recommended future action for disposition of well bore:**

Temporarily abandon the wellbore during the drilling and completion operations of the **MAVERICK 921-26B-HZ** pad wells. Return to production as soon as possible once completions are done.



## **NBU 190 TEMPORARY ABANDONMENT PROCEDURE**

### **GENERAL**

- H<sub>2</sub>S MAY BE PRESENT. CHECK FOR H<sub>2</sub>S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESPONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDES. PREMIX 5 GALLONS PER 100 BBLS FLUID.
- NOTIFY UDOGM 24 HOURS BEFORE MOVING ON LOCATION.

### **PROCEDURE**

**Note: An estimated 24 sx Class "G" cement needed for procedure**

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.
2. RU WIRELINE. ENSURE WELLBORE IS CLEAN. **A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.**
3. **PLUG #1, ISOLATE WAS PERFORATIONS (5418' - 6054'):** RIH W/ 4 ½" CBP. SET @ ~5370'. RELEASE CBP, PUH 10', BRK CIRC W/ FRESH WATER. PRESSURE TEST CASING TO 500 PSI. INFORM ENGINEERING IF IT DOESN'T TEST. DISPLACE A MINIMUM OF **11 SX/ 2.3 BBL/ 13.1 CUFT.** ON TOP OF PLUG. PUH ABOVE TOC (~5270'). REVERSE CIRCULATE W/ TREATED FRESH WATER.
4. **PLUG #2, PROTECT TOP OF WASATCH (4799'):** PUH TO ~4900'. BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF **24 SX / 4.9 BBL / 27.4 CUFT** AND BALANCE PLUG W/ TOC @ ~4690' (210' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER.
5. LOWER WELLHEAD TO GROUND LEVEL TO ACCOMMODATE DRILLING OPS AND INSTALL MARKER PER UDOGM GUIDELINES.
6. RDMO. TURN OVER TO DRILLING OPERATIONS.

ALM 8/31/2011

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UO1194ST
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		<b>8. WELL NAME and NUMBER:</b> NBU 190
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0614 FNL 1436 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNE Section: 26 Township: 09.0S Range: 21.0E Meridian: S		<b>9. API NUMBER:</b> 43047322320000
<b>PHONE NUMBER:</b> 720 929-6514		<b>9. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/2/2012	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input checked="" type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The operator has concluded the temporary abandonment operations on the subject well location on 2/2/2012. Please see the attached chronological well history for details. Thank you.		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY          March 01, 2012</b>		
<b>NAME (PLEASE PRINT)</b> Jaime Scharnowske	<b>PHONE NUMBER</b> 720 929-6304	<b>TITLE</b> Regularatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 2/22/2012	

**US ROCKIES REGION**  
**Operation Summary Report**

Well: NBU 190				Spud Date:				
Project: UTAH-UINTAH			Site: NBU 190				Rig Name No: WESTERN WELLSITE/UNK	
Event: ABANDONMENT			Start Date: 2/1/2012				End Date: 2/2/2012	
Active Datum: RKB @0.00usft (above Mean Sea Level)			UWI: NBU 190					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
1/28/2012	7:00 -							REMOVE PRODUCTION FACILITIES TO PREPARE LOCATION FOR PAD DRILLING.
2/1/2012	7:00 - 17:00	10.00	ABAND					PREJOB SAFETY MEETING, ROAD EQUIPMENT TO LOCATION, MIRU, BLOW DOWN WELL, KILL WELL WITH 60BLS TMAC, NDWH, NUBOP, RU SCAN TECH, TOH AND TEST TUBING, SIW, SDFN
2/2/2012	7:00 - 17:00	10.00	ABAND					PREJOB SAFETY MEETING, BLOW DOWN WELL, KILL WELL WITH 60BLS TMAC, RU WIRELINE, RIH WITH GAUGE RING TO 5400', POOH WITH SAME, RIH WITH 5.5" CBP AND SET AT 5370', POOH WITH WIRELINE, RD WIRELINE, TIH TO 5360', LOAD HOLE WITH 130BLS TMAC, PRESSURE TEST CASING TO 500PSI HELD, MIX AND PUMP 15SXS CLASS G CEMENT NEAT, TOH TO 4915', MIX AND PUMP 25SXS CLASS G CEMENT NEAT, TOH, NDBOP, NUWH, RDMO
NAD27 40.01254/-109.51393								